



1
00:00:00,999 --> 00:00:04,580
>> LADIES AND GENTLEMEN, AS WE
BEGIN TONIGHT'S SPACE AWARDS

2
00:00:04,580 --> 00:00:08,090
GALA, PLEASE TURN YOUR ATTENTION
TO THE VIDEO SCREENS FOR A

3
00:00:08,090 --> 00:00:09,610
SPECIAL OPENING PRESENTATION.

4
00:00:09,610 --> 00:00:26,180
>> THERE IS A LIGHT THAT SHINES
INSIDE US ALL.

5
00:00:26,180 --> 00:00:35,790
>> IT DWELLS AT THE VERY CORE OF
OUR BEING.

6
00:00:35,790 --> 00:00:38,180
A CURIOSITY.

7
00:00:38,180 --> 00:00:42,640
A YEARNING.

8
00:00:42,640 --> 00:00:47,100
A NEED.

9
00:00:47,100 --> 00:00:56,719
>> WHAT ENCOURAGEMENT AND CARE,
A SPARK BECOMES A GLOW.

10
00:00:56,719 --> 00:01:00,129
WHICH FUELS OUR PASSION.

11
00:01:00,129 --> 00:01:07,409
AND GUIDES US ALONG THE
UNCHARTED PATH.

12

00:01:07,409 --> 00:01:14,170

OPPORTUNITY AND DEDICATION
KINDLE THE FLAME.

13

00:01:14,170 --> 00:01:25,040

AND THE ENERGY PROPELS US,
UNKNOWING AND UNAFRAID, INTO THE

14

00:01:25,040 --> 00:01:26,970

BOUNDLESS UNCOVERED.

15

00:01:26,970 --> 00:01:33,430

THIS CRAVING, THIS UNEXPLAINED
DESIRE SHAPES OUR JOURNEY AND

16

00:01:33,430 --> 00:01:38,430

IMBUES OUR LIVES WITH SUBSTANCE.

17

00:01:38,430 --> 00:01:41,070

WE SEEK OUT AND SEARCH THE
UNFAMILIAR.

18

00:01:41,070 --> 00:01:46,240

WE FIND, THEN WE UNCOVER.

19

00:01:46,240 --> 00:01:49,000

FOR SOMEWHERE, SOMETHING
INCREDIBLE IS WAITING TO BE

20

00:01:49,000 --> 00:01:50,000

KNOWN.

21

00:01:50,000 --> 00:01:54,020

ðð
>> FOR CENTURY, WE HAVE LIFTED

22

00:01:54,020 --> 00:02:00,799

OUR GAZE TO THE NIGHTTIME SKY.

23
00:02:00,799 --> 00:02:06,290
AND WE KNOW THAT LOST SOMEWHERE
BETWEEN IMMENSITY AND ETERNITY

24
00:02:06,290 --> 00:02:08,239
IS OUR TINY PLANETARY HOME.

25
00:02:08,239 --> 00:02:13,709
WE ARE DRAWN BY A LONGING WE
BARELY CAN ARTICULATE TO

26
00:02:13,709 --> 00:02:19,319
UNDISCOVERED LANDS AND OTHER
WORLDLY PLACES, MADE FROM

27
00:02:19,319 --> 00:02:21,500
STARDUST AND GAS.

28
00:02:21,500 --> 00:02:22,959
AND ICE.

29
00:02:22,959 --> 00:02:27,849
WE DIP INTO THE FUTURE AN SEE
THE HEAVENS FILLED WITH COMMERCE

30
00:02:27,849 --> 00:02:33,790
AND ARGOSIES OF MAGIC SALE
SAILS.

31
00:02:33,790 --> 00:02:38,810
THE YOU'VE CALLS TO US, IMMENSE
AND SILENT, SURROUNDED BY AN

32
00:02:38,810 --> 00:02:44,069
ENDLESS COLISEUM OF STARS, FAR
AWAY WORLDS BEGGING.

33
00:02:44,069 --> 00:02:49,269
THERE IS A TINGLING IN THE

SPINE, A SENSATION, AS IF A

34
00:02:49,269 --> 00:02:52,390
DISTANT MEMORY FROM FALLING FROM
A HEIGHT, FOR WE KNOW YOU'RE

35
00:02:52,390 --> 00:02:55,800
APPROACHING THE GREATEST OF
MYSTERIES.

36
00:02:55,800 --> 00:03:15,470
WE WILL SLATE THIS THURSDAY FOR
KNOWING AND DISCOVERY, FOR THIS

37
00:03:15,470 --> 00:04:50,020
OUR DESTINY IS THE VERY ARE SOUL
OF THE EXPLORER.

38
00:04:50,020 --> 00:04:51,020
∂∂
∂∂

39
00:04:51,020 --> 00:04:52,020
>> LADIES AND GENTLEMEN, PLEASE

40
00:04:52,020 --> 00:04:55,500
WELCOME THE CHAIRMAN OF THE
RNASA FOUNDATION, MR.

41
00:04:55,500 --> 00:04:57,690
RODOLFO
GONZALEZ.

42
00:04:57,690 --> 00:05:00,070
>> THANK YOU.

43
00:05:00,070 --> 00:05:06,010
GOOD EVENING, LADIES AND
GENTLEMEN.

44

00:05:06,010 --> 00:05:11,960

WHAT A WONDERFUL SOUND BITE.

45

00:05:11,960 --> 00:05:14,850

ON BEHALF OF ROTARY
INTERNATIONAL, THE SPACE CENTER

46

00:05:14,850 --> 00:05:17,340

ROTARY CLUB AND THE ROTARY
NATIONAL AWARD FOR SPICE

47

00:05:17,340 --> 00:05:20,880

ACHIEVEMENT FOUNDATION, IT IS MY
PLEASURE TO WELCOME YOU TO OUR

48

00:05:20,880 --> 00:05:23,919

30th RNASA SPACE AWARDS GALA.

49

00:05:23,919 --> 00:05:27,840

THIS YEAR WE CELEBRATE AND HONOR
THE ACCOMPLISHMENTS OF DR.

50

00:05:27,840 --> 00:05:29,000

CHART
ELACHI, MR.

51

00:05:29,000 --> 00:05:33,360

BILL NYE AND ALL THE
2016 STELLARS.

52

00:05:33,360 --> 00:05:37,449

THE RNASA FOUNDATION RECOGNIZES
ACHIEVEMENTS IN SPACE FROM

53

00:05:37,449 --> 00:05:41,880

ACROSS THE ENTIRE COUNTRY AND
ACROSS ALL SECTORS AND WE ARE

54

00:05:41,880 --> 00:05:45,310

HONORED TO HAVE SO MANY VISITORS
HERE WITH US TONIGHT.

55

00:05:45,310 --> 00:05:50,039
NOW I'D LIKE TO ASK EVERYONE TO
PLEASE RISE AND RECEIVE THE

56

00:05:50,039 --> 00:05:54,560
CLEAR LAKE HIGH SCHOOL ARM
JUNIOR ROTC COLOR GUARD,

57

00:05:54,560 --> 00:05:58,470
FOLLOWED BY REAGAN JOHNSON, WHO
WILL PERFORM OUR NATIONAL

58

00:05:58,470 --> 00:06:11,300
ANTHEM.

59

00:06:11,300 --> 00:06:53,550
∂ OH, SAY CAN YOU SEE BY THE

60

00:06:53,550 --> 00:07:10,040
DAWN'S EARLY LIGHT ∂
∂ WHAT SO PROUDLY WE HAILED AT

61

00:07:10,040 --> 00:07:20,050
THE TWILIGHT'S LAST GLEAMING ∂
∂ WHOSE BROAD STRIPES AND BRIGHT

62

00:07:20,050 --> 00:07:22,210
STARS, THROUGH THE PERILOUS
FIGHT ∂

63

00:07:22,210 --> 00:07:29,440
∂ O'ER THE RAMPARTS WE WATCHED
WERE SO GALLANTLY STREAMING ∂

64

00:07:29,440 --> 00:07:35,820
∂ AND THE ROCKET'S RED GLARE,
THE BOMBS BURSTING IN AIR ∂

65

00:07:35,820 --> 00:07:51,449

∂ GAVE PROOF THROUGH THE NIGHT
THAT OUR FLAG WAS STILL THERE ∂

66

00:07:51,449 --> 00:07:57,639

∂ O, SAY, DOES THAT STAR
SPANGLED BANNER ARE YET WAVE

67

00:07:57,639 --> 00:08:17,980

O'ER THE LAND OF THE FREE AND
THE HOME OF THE BRAVE ∂

68

00:08:17,980 --> 00:08:50,350

[APPLAUSE]

>> WOW, WHAT AN INSPIRATIONAL

69

00:08:50,350 --> 00:08:52,420

RENDITION OF OUR NATIONAL ANTHEM
A CAPELLA.

70

00:08:52,420 --> 00:08:58,860

I WOULD LIKE TO TAKE A MOMENT TO
RECOGNIZE A FEW PEOPLE WE HAVE

71

00:08:58,860 --> 00:09:00,150

IN THE AUDIENCE TONIGHT.

72

00:09:00,150 --> 00:09:03,170

STARTING WITH THE PREVIOUS
NATIONAL SPACE TROPHY WINNERS.

73

00:09:03,170 --> 00:09:06,430

YOU'LL FIND A LIST IN YOUR
PROGRAM ON PAGE 17.

74

00:09:06,430 --> 00:09:09,550

SO, COULD I HAVE THE HOUSE
LIGHTS, PLEASE?

75
00:09:09,550 --> 00:09:12,950
AS I CALL OUT THE PREVIOUS
NATIONAL SPACE TROPHY WINNERS, I

76
00:09:12,950 --> 00:09:16,860
ASK THAT THEY PLEASE RISE AND
REMAIN STANDING WHILE WE'RE

77
00:09:16,860 --> 00:09:17,870
ACKNOWLEDGING THEM.

78
00:09:17,870 --> 00:09:21,930
PLEASE HELP ME WELCOME LAST
YEAR'S WINNER FROM 2015, COLONEL

79
00:09:21,930 --> 00:09:24,950
ROBERT CABANA.

80
00:09:24,950 --> 00:09:29,519
FROM 2014, GENERAL CHARLES
BOLDEN.

81
00:09:29,519 --> 00:09:37,620
2012, CAPTAIN MICHAEL COATS.
2010 BILL GERSTENMAIER.

82
00:09:37,620 --> 00:09:40,600
2009 DR.

83
00:09:40,600 --> 00:09:46,170
MICHAEL GRIFFIN.
2006, COLONEL EILEEN COLLINS.

84
00:09:46,170 --> 00:09:48,710
2005, DR.

85
00:09:48,710 --> 00:09:53,790
GLYNN LUNNEY.
2001, MR.

86
00:09:53,790 --> 00:09:56,330
TOMMY HOLLOWAY.

87
00:09:56,330 --> 00:10:04,860
AND FROM 1993, LIEUTENANT
GENERAL THOMAS STAFFORD.

88
00:10:04,860 --> 00:10:10,490
[APPLAUSE]
>> THANK YOU.

89
00:10:10,490 --> 00:10:11,660
YOU CAN REMAIN STANDING ACTUALLY

90
00:10:11,660 --> 00:10:14,779
BECAUSE I WILL NOW LIKE TO
ACKNOWLEDGE TALL BOARD OF

91
00:10:14,779 --> 00:10:18,920
ADVISORIES.

92
00:10:18,920 --> 00:10:25,580
THEY VOTE ON THE NATIONAL SPACE
TROPHY WINNER.

93
00:10:25,580 --> 00:10:28,440
YOU MIGHT NOTICE THEM WEARING A
RED RIBBON.

94
00:10:28,440 --> 00:10:31,180
PREVIOUS NATIONAL SPACE TROPHY
WINNERS JOIN THIS ILLUSTRIOUS

95
00:10:31,180 --> 00:10:32,800
GROUP OF PEOPLE.

96
00:10:32,800 --> 00:10:35,750
WE ARE GRATEFUL TO HAVE THEM ALL

WITH US HERE TONIGHT.

97

00:10:35,750 --> 00:10:39,730
SO WOULD ALL THE ADVISORY
MEMBERS PLEASE STAND AND BE

98

00:10:39,730 --> 00:10:46,779
RECOGNIZED.

99

00:10:46,779 --> 00:10:55,430
[APPLAUSE]
>> THANK YOU.

100

00:10:55,430 --> 00:10:58,000
AT THE CONCLUSION OF TONIGHT'S
PROGRAM, WE WILL ASK ALL THESE

101

00:10:58,000 --> 00:11:00,500
MEMBERS OF THE BOARD ADVISORIES
TO PLEASE JOIN US ON STAGE FOR A

102

00:11:00,500 --> 00:11:02,980
SPECIAL GROUP PHOTOGRAPH.

103

00:11:02,980 --> 00:11:08,320
I'D ALSO LIKE TO WELL
REPRESENTING THE TEXAS DISTRICT,

104

00:11:08,320 --> 00:11:11,160
U.S. CONGRESSMAN DONALD, WHO IS

105

00:11:11,160 --> 00:11:15,660
COMING.

106

00:11:15,660 --> 00:11:24,140
HOLDING THE FIRST GALA IN
1987 -- I'M SORRY, 1985, HOLDING

107

00:11:24,140 --> 00:11:25,750

THE FIRST GALA 1987.

108

00:11:25,750 --> 00:11:28,840

THIS YEAR MARKING OUR
30th ANNUAL EVENT WITH THE

109

00:11:28,840 --> 00:11:32,000

GENEROUS SUPPORT OF OUR
SPONSORS, THIS EVENT CONTINUES

110

00:11:32,000 --> 00:11:34,010

TO BE COORDINATED BY ROTARY.

111

00:11:34,010 --> 00:11:36,360

TONIGHT WE ARE PLEASED TO BE
JOINED BY THE SPACE CENTER

112

00:11:36,360 --> 00:11:37,850

ROTARY CLUB PRESIDENT, MR.

113

00:11:37,850 --> 00:11:39,720

JOHN
BRANCH.

114

00:11:39,720 --> 00:11:46,649

[APPLAUSE]

>> SINCE YEARLY WE WOULD LIKE

115

00:11:46,649 --> 00:11:50,029

EVERYONE HERE TO FEEL LIKE
DISTINGUISHED GUESTS, THE

116

00:11:50,029 --> 00:11:51,930

FOUNDATION WELCOMES YOU ALL.

117

00:11:51,930 --> 00:11:55,500

WE SINCERELY HOPE THAT YOU HAVE
A WONDERFUL EVENING.

118

00:11:55,500 --> 00:12:00,930
AND NOW REVEREND WILLIAM KING
THE THIRD, PASTOR OF THE GREATER

119
00:12:00,930 --> 00:12:15,329
NEW HOPE MISSIONARY BAPTIST
CHURCH WILL GIVE US THE

120
00:12:15,329 --> 00:12:20,889
INVOCATION.

121
00:12:20,889 --> 00:12:29,320
>> WILL YOU BOW YOUR HEADS WITH
ME TONIGHT IN A MOMENT OF

122
00:12:29,320 --> 00:12:30,320
PRAYER.

123
00:12:30,320 --> 00:12:36,380
GRACIOUS GOD OUR FATHER, WE COME
WITH THANKSGIVING IN OUR HEARTS.

124
00:12:36,380 --> 00:12:41,620
APPRECIATION FOR YOUR GRAND
GREAT AND GLORIOUS PRESENCE.

125
00:12:41,620 --> 00:12:45,110
WE LIVE, MOVE AND HAVE OUR
BEING.

126
00:12:45,110 --> 00:12:50,899
THANK YOU FOR ROTARY NASA, THANK
YOU FOR ALL OF THE AWARD

127
00:12:50,899 --> 00:12:53,519
RECIPIENTS AND HONOREES.

128
00:12:53,519 --> 00:12:57,900
GRANT YOUR BLESSINGS NOW UPON
THE FOOD FOR THE NOURISHMENT OF

129

00:12:57,900 --> 00:12:59,339

OUR BODIES.

130

00:12:59,339 --> 00:13:02,269

WE MIGHT HAVE THE STRENGTH AND
ENERGY TO FULFILL THE DIVINE

131

00:13:02,269 --> 00:13:05,930

PURPOSE FOR WHICH YOU'VE PLACED
AND POSITIONED OUR LIVES TO

132

00:13:05,930 --> 00:13:11,170

IMPACT THIS GREAT NATION AND
WORLD MAY BE OCCUPIED.

133

00:13:11,170 --> 00:13:15,170

BLESS THIS PROGRAM TONIGHT,
BLESS EACH TABLE WITH FELLOWSHIP

134

00:13:15,170 --> 00:13:21,269

AND FRIENDSHIP, JOY AND JUBILEE
FOR THE AWARD RECIPIENT, CHARLES

135

00:13:21,269 --> 00:13:22,269

ELACHI.

136

00:13:22,269 --> 00:13:27,079

WE THANK YOU FOR HIS SERVICE,
SACRIFICE AND STEADFASTNESS IN

137

00:13:27,079 --> 00:13:28,079

THE LIFE.

138

00:13:28,079 --> 00:13:32,040

GRANT YOUR BLESSINGS UPON ALL
THE LABORERS, THE LORD, EACH

139

00:13:32,040 --> 00:13:35,240

PERSON IN THIS PLACE AND SHOW
THE ACTUAL BLESSING UPON OUR

140

00:13:35,240 --> 00:13:38,170

SPOUSES AND OUR LOVELY CHILDREN.

141

00:13:38,170 --> 00:13:41,540

KEEP US TOGETHER, IN THE HARMONY
OF FAITH AND FOCUS.

142

00:13:41,540 --> 00:13:51,180

IN JESUS NAME WE PRAY, AMEN.

143

00:13:51,180 --> 00:13:53,240

>> I'M REALLY EXCITED ABOUT
TONIGHT'S PROGRAM.

144

00:13:53,240 --> 00:13:56,610

I'M HONORED TO HONOR DOCTOR
LISTENING TO P.J.

145

00:13:56,610 --> 00:14:03,040

O'ROURKE AND
ALL THE PEOPLE WE HAVE HERE.

146

00:14:03,040 --> 00:14:07,899

WELCOMING BACK MILES O'BRIEN AS
OUR MASTER OF CEREMONIES HERE

147

00:14:07,899 --> 00:14:10,740

FOR THIS SPECIAL 30th EVENT.

148

00:14:10,740 --> 00:14:14,740

ADDED NOTE, TONIGHT'S EVENT WILL
BE RECORDED LIVE AND WILL BE

149

00:14:14,740 --> 00:14:17,610

BROADCAST NATIONALLY ON NASA TV
NEXT WEEK.

150

00:14:17,610 --> 00:14:19,380

THE PROGRAM WILL AIR ON TUESDAY,

151

00:14:19,380 --> 00:14:20,490

MAY 3rd.

152

00:14:20,490 --> 00:14:22,540

AND WEDNESDAY MAY 4th.

153

00:14:22,540 --> 00:14:26,790

AND WILL BE SHOWN TWICE DAILY AT
NOON, AT 7:00 AND 7:00 P.M.

154

00:14:26,790 --> 00:14:27,790

CENTRAL.

155

00:14:27,790 --> 00:14:30,199

SO BE SURE TO TELL YOUR FRIENDS,
FAMILY AND CO-WORKERS AND DON'T

156

00:14:30,199 --> 00:14:32,220

FORGET TO SET YOUR DVRs.

157

00:14:32,220 --> 00:14:38,769

RNASA FOUNDATION MISSION IS TO
ENCOURAGE, RECOGNIZE, HONOR AND

158

00:14:38,769 --> 00:14:42,030

CELEBRATE U.S. SPACE
ACHIEVEMENT.

159

00:14:42,030 --> 00:14:46,030

THE MEMBERS OF THE FOUNDATION
TRULY APPRECIATE AND RECOGNIZE

160

00:14:46,030 --> 00:14:48,610

THE WORK OF THIS AUDIENCE
TONIGHT.

161

00:14:48,610 --> 00:14:51,889

SO LET ME LEAVE YOU WITH MY
SINCEREST WISH TO PLEASE ENJOY

162

00:14:51,889 --> 00:14:54,940

YOUR EVENING, YOUR MEAL AND YOUR
COMPANY.

163

00:14:54,940 --> 00:14:59,109

THANK YOU VERY MUCH.

164

00:14:59,109 --> 00:15:03,079

[APPLAUSE]

∂∂

165

00:15:03,079 --> 00:15:13,459

>> FOR CENTURY, WE HAVE LOOKED
TO THE HEAVENS AND WONDERED WHAT

166

00:15:13,459 --> 00:15:18,660

IT MIGHT BE LIKE TO LIVE AMONG
THE STARS.

167

00:15:18,660 --> 00:15:23,350

IN THE SPRING OF 1961, YURI
GAGARIN AND ALAN SHEPARD BECAME

168

00:15:23,350 --> 00:15:27,500

THE FIRST HUMANS TO ESCAPE THE
PULL OF EARTH'S GRAVITY AND LOOK

169

00:15:27,500 --> 00:15:30,980

DOWN UPON OUR PLANET FROM SPACE.

170

00:15:30,980 --> 00:15:35,519

NEARLY 40 YEARS LATER, ON
NOVEMBER 2nd, 2000, THREE MEN

171

00:15:35,519 --> 00:15:38,970

ABOARD A RUSSIAN SOYUZ
SPACECRAFT DOCKED WITH A SMALL

172

00:15:38,970 --> 00:15:42,600
ORBITING COMPLEX 220 MILES ABOVE
EARTH.

173

00:15:42,600 --> 00:15:47,209
A SHORT TIME LATER THEY OPENED
THE HATCH OF THE SERVICE MODULE

174

00:15:47,209 --> 00:15:50,800
AND FLOATED INSIDE, MARK THE
BEGINNING OF A PERMANENT HUMAN

175

00:15:50,800 --> 00:15:52,850
PRESENCE IN SPACE.

176

00:15:52,850 --> 00:15:57,949
IN NOVEMBER, 2015, NASA AND ITS
INTERNATIONAL PARTNERS

177

00:15:57,949 --> 00:16:02,250
CELEBRATED 15 YEARS OF
CONTINUOUS OCCUPANCY OF THE

178

00:16:02,250 --> 00:16:04,060
INTERNATIONAL SPACE STATION.

179

00:16:04,060 --> 00:16:08,910
ISS IS NOW THE CENTERPIECE OF
SPACE RESEARCH AND A HUB OF

180

00:16:08,910 --> 00:16:12,839
VIBRANT ACTIVITY AS THE PEOPLE
OF EARTH PREPARE TO VENTURE

181

00:16:12,839 --> 00:16:20,940
FURTHER INTO OUR SOLAR SYSTEM
THAN EVER BEFORE.

182

00:16:20,940 --> 00:16:22,720

∂∂
AS THE ONLY NATIONAL LABORATORY

183

00:16:22,720 --> 00:16:27,470

FOR MICROGRAVITY EXPERIMENTAL
SCIENCE, THE ISS HAS BEEN PROVEN

184

00:16:27,470 --> 00:16:30,829

AS THE ESSENTIAL HUB FOR
MULTI-DISCIPLINE RESEARCH AND

185

00:16:30,829 --> 00:16:31,829

PHYSICS.

186

00:16:31,829 --> 00:16:35,720

CHEMISTRY, BIOLOGY AND ALL OF
THEIR ENCOMPASSED SUBDIVISION.

187

00:16:35,720 --> 00:16:40,389

TO FURTHER OUR UNDERSTANDING OF
THE EFFECTS OF LONG DURATION

188

00:16:40,389 --> 00:16:44,149

SPACE FLIGHT ON THE HUMAN BODY,
ASTRONAUT SCOTT KELLY AND

189

00:16:44,149 --> 00:16:48,040

COSMONAUT MIKHAIL KORNIENKO
SPENT A CONTINUOUS YEAR ABOARD

190

00:16:48,040 --> 00:16:50,010

THE STATION.

191

00:16:50,010 --> 00:16:53,170

THE ISS IS ALSO THE PERFECT
SETTING FOR EXOMEDICINE,

192

00:16:53,170 --> 00:16:57,610

STUDYING FOR MEDICAL
APPLICATIONS AND THE

193

00:16:57,610 --> 00:16:58,990

PHARMACEUTICAL INDUSTRY HAS

194

00:16:58,990 --> 00:17:02,380

TAKEN ADVANTAGE OF THIS
POTENTIAL TO EXPLORE NEW AND

195

00:17:02,380 --> 00:17:06,010

POTENTIALLY GAME CHANGING
ADVANCES IN FORM COLLING.

196

00:17:06,010 --> 00:17:07,240

PHARMACOLOGY.

197

00:17:07,240 --> 00:17:12,110

SOYUZ ARRIVALS AND DEPARTURES,
SEVERAL UNCREWED AGENCY AND

198

00:17:12,110 --> 00:17:16,160

COMMERCIAL FLIGHTS DELIVERED AND
RETURNED CARGO, SUPPLIES AND

199

00:17:16,160 --> 00:17:19,390

EXPERIMENTS TO THE STATION
THROUGHOUT THE YEAR.

200

00:17:19,390 --> 00:17:26,370

THE JAPAN AEROSPACE EXPLORATION
AGENCY SUCCESSFULLY DELIVERED

201

00:17:26,370 --> 00:17:32,169

FOUR TONS OF CARGO TO THE ISS
WITH THE H 2 TRANSFER VEHICLE.

202

00:17:32,169 --> 00:17:35,700

THE NEWLY MERGED ORBITAL ATK

SUCCESSFULLY LAUNCHED THE

203

00:17:35,700 --> 00:17:40,299

ENHANCED CARGO RESUPPLY
SPACECRAFT TO THE ISS, SETTING

204

00:17:40,299 --> 00:17:43,400

THE RECORD AS THE HEAVIEST
PAYLOAD EVER CARRIED BY AN

205

00:17:43,400 --> 00:17:45,570

TALLAHASSEE FIVE.

206

00:17:45,570 --> 00:17:47,740

ATLAS 5.

207

00:17:47,740 --> 00:17:53,620

TWO SCHEDULED RESUPPLY MISSIONS
TO THE ISS IN 2015 WITH THE LOSS

208

00:17:53,620 --> 00:17:56,850

OF A FALCON NINE LAUNCH VEHICLE
IN JUNE.

209

00:17:56,850 --> 00:17:59,600

THE FALCON NINE LAUNCHED FIVE
TIMES OVER THE COURSE OF THE

210

00:17:59,600 --> 00:18:03,030

YEAR AND INCLUDED A SUCCESSFUL
FIRST STAGE LANDING AT CAPE

211

00:18:03,030 --> 00:18:04,650

CANAVERAL IN DECEMBER.

212

00:18:04,650 --> 00:18:08,450

AS FOR THE FIRST TIME IN THE
HISTORY OF SPACE FLIGHT, A

213

00:18:08,450 --> 00:18:11,150
ROCKET STAGE THAT PUSHED A
PAYLOAD TO ORBIT RETURNED TO

214

00:18:11,150 --> 00:18:14,710
EARTH AND LANDED UPRIGHT.

215

00:18:14,710 --> 00:18:17,840
SpaceX ALSO CONDUCTED A
SUCCESSFUL PAD ABOARD TEST OF

216

00:18:17,840 --> 00:18:21,270
THE DRAGON CREW CAPSULE, A
SYSTEM THAT WOULD PULL

217

00:18:21,270 --> 00:18:24,370
ASTRONAUTS AWAY FROM FUTURE
LAUNCH SITES SHOULD AN EMERGENCY

218

00:18:24,370 --> 00:18:25,370
ARISE.

219

00:18:25,370 --> 00:18:30,770
BIG LOW AEROSPACE COMPLETED
INFLATABLE ISS MODULE.

220

00:18:30,770 --> 00:18:35,020
BIGELOW ACTIVE MODULE THAT
LAUNCHED THIS APRIL AT A DRAGON

221

00:18:35,020 --> 00:18:39,020
CAPSULE AND WILL BE INFLATED BY
THE END OF MAY.

222

00:18:39,020 --> 00:18:42,440
THIS LAUNCH WAS ALSO NOTABLE AS
THE FIRST EVER VERTICAL LANDING

223

00:18:42,440 --> 00:18:47,390
OF THE SpaceX FALCON 9 AT SEA

ON THE DRONE SHIP, OF COURSE I

224

00:18:47,390 --> 00:18:48,820
STILL LOVE YOU.

225

00:18:48,820 --> 00:18:54,160
ASSEMBLING A BOEING 100
STARLINER CONTINUES AT THE

226

00:18:54,160 --> 00:18:57,850
FORMER ORBITER PROCESSING
FACILITY 3 AT THE KENNEDY SPACE

227

00:18:57,850 --> 00:18:59,650
CENTER.

228

00:18:59,650 --> 00:19:02,990
THE ASTRONAUTS THAT WILL CREW
BOTH THE DRAGON AND STARLINER

229

00:19:02,990 --> 00:19:06,060
CAPSULES WERE SELECTED BY NASA.

230

00:19:06,060 --> 00:19:10,450
ROBERT BEHNKEN, ERIC BOE, SUNITA
WILLIAMS AND DOUGLAS HURLEY WILL

231

00:19:10,450 --> 00:19:13,750
BE THE FIRST TO CONDUCT TEST
FLIGHTS OF THE COMMERCIAL

232

00:19:13,750 --> 00:19:18,390
VEHICLES.

233

00:19:18,390 --> 00:19:22,360
>> OUR NEIGHBOR MARS WAS THE
PLANETARY CENTER OF ATTENTION AS

234

00:19:22,360 --> 00:19:26,110

NEW EXPERIMENTS AND IMAGES
ENCHANTED THE WORLD.

235

00:19:26,110 --> 00:19:29,900
THE EVER POPULAR CURIOSITY ROVER
CELEBRATED THREE YEARS OF

236

00:19:29,900 --> 00:19:33,120
NONSTOP EXPLORATION, PHOTOGRAPHY

237

00:19:33,120 --> 00:19:37,190
AND EXPERIMENTATION, BOASTING AN
ASTONISHING TEN KILOMETERS OF

238

00:19:37,190 --> 00:19:39,360
MARTIAN COVERAGE.

239

00:19:39,360 --> 00:19:43,860
THE TEN-YEAR-OLD ORBITER
CONFIRMED THE EVIDENCE OF LIQUID

240

00:19:43,860 --> 00:19:45,720
WATER ON THE RED PLANET.

241

00:19:45,720 --> 00:19:50,030
A DISCOVERY CRUCIAL TO POTENTIAL
HUMAN EXPLORATION.

242

00:19:50,030 --> 00:19:53,740
THE NEW HORIZONS PROBE FLEW
WITHIN 8000 MILES OF THE SURFACE

243

00:19:53,740 --> 00:19:56,820
OF PLUTO AND CAPTURED THE
CLOSEST EVER IMAGERY AND

244

00:19:56,820 --> 00:20:01,350
ANALYSIS OF THE DWARF PLANET AND
ITS MOON.

245

00:20:01,350 --> 00:20:04,580

NEW HORIZONS WILL CONTINUE THE
JOURNEY INTO DEEP SPACE AND

246

00:20:04,580 --> 00:20:06,429

TARGET A NEW DESTINATION.

247

00:20:06,429 --> 00:20:09,049

THE KUIPER BELT.

248

00:20:09,049 --> 00:20:12,220

AT THE CENTER OF THE SOLAR
SYSTEM, MESSENGER PROBE

249

00:20:12,220 --> 00:20:16,539

CONCLUDED ITS FOUR YEAR STUDY OF
MERCURY BY MAKING ONE LAST

250

00:20:16,539 --> 00:20:21,150

COURSE CORRECTION AND PLUMMETING
INTO THE PLANET'S SURFACE.

251

00:20:21,150 --> 00:20:24,190

MESSENGER FLEW BY EARTH ONCE,

252

00:20:24,190 --> 00:20:28,309

AND MERCURY THREE TIMES, SENDING
A TREASURE TROPHY OF PHOTOGRAPHS

253

00:20:28,309 --> 00:20:32,440

AND DATA ABOUT THE PLANET'S
GEOLOGY.

254

00:20:32,440 --> 00:20:35,480

THE ORION PROGRAM CONTINUED
DEVELOPMENT ON THE NEXT

255

00:20:35,480 --> 00:20:39,710

GENERATION HUMAN SPACECRAFT,

CONDUCTING ACOUSTIC, DROP AND

256

00:20:39,710 --> 00:20:44,510

PRESSURE TESTS, AS WELL AS
ERGONOMIC TESTING.

257

00:20:44,510 --> 00:20:47,710

THE NEXT ORION CREW MODULE
PRESSURE VESSEL WAS COMPLETED

258

00:20:47,710 --> 00:20:51,250

AND DELIVERED TO THE KENNEDY
SPACE CENTER IN FEBRUARY OF THIS

259

00:20:51,250 --> 00:20:52,700

YEAR.

260

00:20:52,700 --> 00:20:55,520

TECHNICIANS IN THE NEIL
ARMSTRONG OPERATIONS AND CHECK

261

00:20:55,520 --> 00:21:00,220

OUT BUILDING WILL CONTINUE THE
ASSEMBLY OF THE CREW MODULE.

262

00:21:00,220 --> 00:21:03,760

THE CAPSULE ALSO COMPLETED A
CRITICAL DESIGN REVIEW AND IS

263

00:21:03,760 --> 00:21:08,250

SCHEDULED TO MAKE AN UNCREWED
TEST FLIGHT AROUND THE MOON IN

264

00:21:08,250 --> 00:21:09,760

2018.

265

00:21:09,760 --> 00:21:11,950

THE SPACE LAUNCH SYSTEM, NASA'S

266

00:21:11,950 --> 00:21:15,670
NEW HEAVY LIFT LAUNCH VEHICLE
ALSO COMPLETED A CRITICAL DESIGN

267
00:21:15,670 --> 00:21:19,679
REVIEW OF ONE OF ITS THREE MAIN
CONFIGURATIONS.

268
00:21:19,679 --> 00:21:22,820
WITH ALL OF THE MAJOR COMPONENTS
FOR THE FIRST FLIGHT NOW IN

269
00:21:22,820 --> 00:21:26,450
PRODUCTION, THE SLS HAS A FLIGHT
READINESS DATE SCHEDULED FOR

270
00:21:26,450 --> 00:21:34,010
2018.

271
00:21:34,010 --> 00:21:37,500
>> BLUE ORIGIN CONTINUES TO MAKE
HISTORY WITH ITS SUBORBITAL

272
00:21:37,500 --> 00:21:39,100
SPACECRAFT NEW SHEPARD.

273
00:21:39,100 --> 00:21:43,070
IN JANUARY, NEW SHEPARD
SUCCESSFULLY LAUNCHED, REACHED

274
00:21:43,070 --> 00:21:46,760
SUBORBITAL SPACE AND THEN LANDED
UNDER ITS OWN POWER.

275
00:21:46,760 --> 00:21:49,960
THIS HISTORIC FEAT WAS COMPLETED
USING THE SAME ENGINE AND

276
00:21:49,960 --> 00:21:52,470
VEHICLE FOR ALL THREE FLIGHTS.

277

00:21:52,470 --> 00:21:56,070

DRAMATICALLY ILLUSTRATING BLUE
ORIGIN'S ABILITY TO MANUFACTURE

278

00:21:56,070 --> 00:21:59,840

AND OPERATE REUSABLE SPACECRAFT.

279

00:21:59,840 --> 00:22:03,679

THE SIERRA NEVADA CORPORATION
WAS AWARDED A COMMERCIAL CARGO

280

00:22:03,679 --> 00:22:05,370

RESUPPLY CONTRACT FOR THE

281

00:22:05,370 --> 00:22:09,400

COMPANY'S REUSABLE SPACE PLANE,
DREAM CHASER.

282

00:22:09,400 --> 00:22:14,470

DREAM CHASER IS CAPABLE OF LOW G
REENTRY AND RUNWAY LANDINGS,

283

00:22:14,470 --> 00:22:17,150

CRITICAL FOR THE SAFE RETURN OF
SENSITIVE PAYLOADS AND

284

00:22:17,150 --> 00:22:22,580

SCIENTIFIC EXPERIMENTS AND
IMMEDIATE ACCESS TO CARGO.

285

00:22:22,580 --> 00:22:27,490

>>> TONIGHT, AS ROBOTIC
EXPLORERS ROAM THE SURFACE OF A

286

00:22:27,490 --> 00:22:31,350

NEIGHBORS PLANET, AND PROBE THE
OUTER REACHES OF OUR SOLAR

287

00:22:31,350 --> 00:22:35,799
SYSTEM, AND HUMAN EXPLORERS
CONDUCT RESEARCH AND SCIENCE,

288
00:22:35,799 --> 00:22:40,570
JUST 300 MILES ABOVE THE SURFACE
OF OUR PLANET, WE PAUSE TO

289
00:22:40,570 --> 00:22:44,580
RECOGNIZE AND HONOR A VISIONARY
LEADER FOR HIS COURAGE AND

290
00:22:44,580 --> 00:22:49,150
COMMITMENT TO REACHING OUR GOALS
IN SPACE.

291
00:22:49,150 --> 00:22:52,520
AND WE CELEBRATE THE
ACCOMPLISHMENTS OF THOSE

292
00:22:52,520 --> 00:22:56,280
DEDICATED MEN AND WOMEN WHO DARE
TO PUSH THE BOUNDARIES OF SPACE

293
00:22:56,280 --> 00:22:58,960
EXPLORATION, WHOSE CONTRIBUTIONS

294
00:22:58,960 --> 00:23:02,830
HAVE PAVED THE WAY FOR THE
GENERATIONS TO FOLLOW, TURNING

295
00:23:02,830 --> 00:23:06,470
OUR DREAMS TO DESTINY.

296
00:23:06,470 --> 00:23:10,290
LADIES AND GENTLEMEN, PLEASE
WELCOME YOUR MASTER OF

297
00:23:10,290 --> 00:23:12,090
CEREMONIES, MR.

298

00:23:12,090 --> 00:23:15,909

MILES O'BRIEN.

299

00:23:15,909 --> 00:23:25,520

[APPLAUSE]

>> HELLO, HOUSTON.

300

00:23:25,520 --> 00:23:26,760

GREAT TO SEE YOU.

301

00:23:26,760 --> 00:23:28,010

GREAT TO BE BACK.

302

00:23:28,010 --> 00:23:31,900

AND I GOT TO TELL YOU, I'M A GUY
WHO COULD REALLY USE A HAND.

303

00:23:31,900 --> 00:23:34,070

SO, ONE MORE TIME.

304

00:23:34,070 --> 00:23:36,549

I REALLY, REALLY NEED A HAND.

305

00:23:36,549 --> 00:23:40,080

[APPLAUSE]

>> MY HUMOR HAS ALWAYS BEEN

306

00:23:40,080 --> 00:23:41,080

DISARMING.

307

00:23:41,080 --> 00:23:44,300

MIGHT AS WELL PUT TO IT TO USE.

308

00:23:44,300 --> 00:23:45,330

I READ ALL THIS STUFF
SINGLE-HANDEDLY.

309

00:23:45,330 --> 00:23:50,000
RODOLFO, YOU GET WHAT YOU PAY
FOR.

310
00:23:50,000 --> 00:23:52,390
JUST LIKE SPACE, LOW BIDDER.

311
00:23:52,390 --> 00:23:55,360
[LAUGHTER]
>> TONIGHT, WE ARE HERE TO HONOR

312
00:23:55,360 --> 00:23:58,420
A GREAT MAN OF SPACE
EXPLORATION, A MAN WHO GREW UP

313
00:23:58,420 --> 00:24:01,620
IN LEBANON, LEARNING ABOUT
AMERICA THROUGH LANDS OF

314
00:24:01,620 --> 00:24:03,159
HOLLYWOOD -- LENS OF HOLLYWOOD.

315
00:24:03,159 --> 00:24:06,800
HE WENT TO CALTECH IN L.A.
BECAUSE IT WAS NOT NECESSARILY

316
00:24:06,800 --> 00:24:11,120
THE HOME OF FINE MEN.

317
00:24:11,120 --> 00:24:13,920
THE TRUTH IS HE WAS A LITTLE
STAR STRUCK.

318
00:24:13,920 --> 00:24:16,450
BUT HE ENDED UP BECOMING
ACQUAINTED WITH SOME MORE

319
00:24:16,450 --> 00:24:18,779
IMPORTANT STARS, SHALL WE SAY.

320

00:24:18,779 --> 00:24:22,929

AND HE RUNS A CERTAIN FFRDC THAT
I LIKE TO CALL DISNEYLAND FOR IN

321

00:24:22,929 --> 00:24:25,260

OTHER WORDS.

322

00:24:25,260 --> 00:24:28,250

WE ARE HONOR TO BE HERE TO HONOR
CHARLES ELACHI.

323

00:24:28,250 --> 00:24:31,770

GIVE HIM ONE MORE ROUND OF
APPLAUSE.

324

00:24:31,770 --> 00:24:35,490

[APPLAUSE]

>> I THINK I MIGHT HAVE TO READ

325

00:24:35,490 --> 00:24:38,950

HIS SPEECH BECAUSE HE'S LOST HIS
VOICE.

326

00:24:38,950 --> 00:24:43,440

30 YEARS, THINK ABOUT THAT, 30

327

00:24:43,440 --> 00:24:46,760

YEARS, IT'S A LONG TIME, WHO
WOULD'VE THUNK WE WOULD'VE COME

328

00:24:46,760 --> 00:24:50,790

THIS FAR FROM THAT FIRST SESSION
IN THE WAFFLE HOUSE IN CLEAR

329

00:24:50,790 --> 00:24:51,950

LAKE.

330

00:24:51,950 --> 00:24:57,409

[LAUGHTER]

>> THREE DECADES, 15,768,000

331

00:24:57,409 --> 00:25:02,710
MINUTES -- YOU ENGINEERS KNEW
THAT 210 DOG YEARS OR BETTER

332

00:25:02,710 --> 00:25:05,870
YET, THREE SUCCESSFUL MOON
RACES.

333

00:25:05,870 --> 00:25:09,900
IN 1987, LET'S GO BACK, TURN THE
WAY BACK MACHINE.

334

00:25:09,900 --> 00:25:11,919
THE STOCK MARKET CRASHED.

335

00:25:11,919 --> 00:25:14,890
PRESIDENT REAGAN WENT TO BERLIN
AND TOLD GORBACHEV TO TEAR DOWN

336

00:25:14,890 --> 00:25:15,890
THIS WALL.

337

00:25:15,890 --> 00:25:21,909
AN 18-YEAR-OLD WEST GERMAN
LANDED A CESSNA 172 IN RED

338

00:25:21,909 --> 00:25:23,240
SQUARE.

339

00:25:23,240 --> 00:25:25,590
AND THERE WAS AN 1 MONTH OLD
LITTLE GIRL BY THE NAME OF

340

00:25:25,590 --> 00:25:27,650
JESSICA McCLURE -- REMEMBER
HER?

341

00:25:27,650 --> 00:25:30,400
SHE FELL DOWN A WELL IN MIDLAND,

342

00:25:30,400 --> 00:25:36,520
TEXAS, AND IT GAVE A FLEDGLING
24/7 CABLE NEWS NETWORK, I WON'T

343

00:25:36,520 --> 00:25:40,440
MENTION THEIR NAME, BUT THEIR
INITIALS ARE CNN, IT GAVE THEM

344

00:25:40,440 --> 00:25:45,330
THE BRILLIANT IDEA THAT LIVE
CONTINUOUS, INCESSANT COVERAGE

345

00:25:45,330 --> 00:25:49,550
OF BREAKING NEWS, IT'S HARD TO
DO QUOTES WHEN YOU ONLY HAVE

346

00:25:49,550 --> 00:25:51,500
ONE -- BROOKING NEWS.

347

00:25:51,500 --> 00:25:52,970
[LAUGHTER]
>> TO THE EXCLUSION OF

348

00:25:52,970 --> 00:25:56,900
EVERYTHING ELSE, WAS A RATINGS
BONANZA.

349

00:25:56,900 --> 00:25:59,950
SO I DON'T THINK IT'S TOO MUCH
OF A STRETCH TO SAY THAT WE HAVE

350

00:25:59,950 --> 00:26:05,170
JESSICA McCLURE TO BLAME FOR
DONALD TRUMP.

351

00:26:05,170 --> 00:26:09,100
[LAUGHTER]

>> PURE CONTINUUM THERE.

352

00:26:09,100 --> 00:26:13,809
NOW, AS RODOLFO SAID, GOAL HERE
IS TO PUT THIS SHOW ON TO NASA

353

00:26:13,809 --> 00:26:17,100
TELEVISION AND THE MORE I TREAD
INTO WATERS LIKE THAT, THE MORE

354

00:26:17,100 --> 00:26:20,860
LIKELY THEY'LL BE SHIFTING FROM
ME AT THE PODIUM TO REPLAYS OF

355

00:26:20,860 --> 00:26:25,110
THE MISSION HIGHLIGHT RAIL OF
SDS 125.

356

00:26:25,110 --> 00:26:29,860
SO, I AM NOT GOING TO SAY A
THING ABOUT MY CONCLUSION THAT

357

00:26:29,860 --> 00:26:32,370
THIS YEAR'S SLATE OF
PRESIDENTIAL CANDIDATES OFFERS

358

00:26:32,370 --> 00:26:38,840
SLAM DUNK SCIENTIFIC PROOF OF
ALIEN LIFE.

359

00:26:38,840 --> 00:26:41,590
AND I WILL NOT MENTION MY
SUGGESTION THAT WE SHOULD BE

360

00:26:41,590 --> 00:26:44,980
POINTING THOSE STEADY
TELESCOPES, RADIO TELESCOPES AT

361

00:26:44,980 --> 00:26:47,870
THE CONVENTION INNINGS CLEVELAND

AND PHILADELPHIA THIS SUMMER TO

362

00:26:47,870 --> 00:26:50,840

SEE IF WE CAN FINALLY MAKE
CONTACT.

363

00:26:50,840 --> 00:26:53,640

[LAUGHTER]

>> I'M PRETTY SURE THERE IS A

364

00:26:53,640 --> 00:26:58,870

GOLDEN COMB-OVER POM DOOR THAT
MIGHT HAVE A SEPARATE STRAIN OF

365

00:26:58,870 --> 00:27:00,809

LIFE INSIDE IT.

366

00:27:00,809 --> 00:27:01,809

MAYBE.

367

00:27:01,809 --> 00:27:05,850

YOU HAVE TO ASK YOURSELF, WHY IS
HE ALWAYS TALKING ABOUT ALIENS?

368

00:27:05,850 --> 00:27:09,360

MAYBE HE IS ONE.

369

00:27:09,360 --> 00:27:12,039

JUST THINK ABOUT IT, RIGHT?

370

00:27:12,039 --> 00:27:13,190

AND THEN THERE'S TED CRUZ.

371

00:27:13,190 --> 00:27:16,210

TED CRUZ, GOSH, GUYS, HE'S THE
HOMETOWN GUY.

372

00:27:16,210 --> 00:27:18,380

NO, YOU TEXANS ARE SUPPOSED TO

BE SO FRIENDLY.

373

00:27:18,380 --> 00:27:22,220

YOU ALWAYS TELL ME HOW FRIENDLY
YOU ARE.

374

00:27:22,220 --> 00:27:24,500

HOW DID YOU END UP WITH SENATOR
GRUMPY PANTS?

375

00:27:24,500 --> 00:27:27,929

HOW DID THAT HAPPEN?

376

00:27:27,929 --> 00:27:30,190

OH, EXCUSE ME.

377

00:27:30,190 --> 00:27:32,420

PRODUCER IN MY EAR.

378

00:27:32,420 --> 00:27:36,510

THEY JUST CUED UP THE APOLLO 11
HIGHLIGHT REEL ON NASA TV.

379

00:27:36,510 --> 00:27:40,350

SORRY, RODOLFO, AS I SAID, LOW
BIDDER.

380

00:27:40,350 --> 00:27:42,270

WHAT CAN I DO?

381

00:27:42,270 --> 00:27:44,309

IT'S PROBABLY A GOOD TIME TO
INTRODUCE OUR KEYNOTER AND GET

382

00:27:44,309 --> 00:27:48,770

ME OUT OF THIS HE'S MUCH MORE
ADEPT AT THE PROFESSIONAL ART OF

383

00:27:48,770 --> 00:27:51,559

SKEWERING POLITICAL FIGURES.

384

00:27:51,559 --> 00:27:54,950

AMONG HIS BOOK, PARLIAMENT OF
WHO ARES.

385

00:27:54,950 --> 00:27:58,760

CAN STAY WITH YOUR SON HERE?

386

00:27:58,760 --> 00:28:06,350

PARLIAMENT OF HORRORS AMONG HIS
QUOTABLE QUOTES, GIVING MONEY

387

00:28:06,350 --> 00:28:09,190

AND POWER TO GOVERNMENT IS LIKE
GIVING WHISKEY AND CAR KEYS TO

388

00:28:09,190 --> 00:28:12,100

TEENAGE BOYS.

389

00:28:12,100 --> 00:28:14,820

OUR KEYNOTER IS A SATIRIST,
JOURNALIST AND WE PRESUME AT

390

00:28:14,820 --> 00:28:17,200

LEAST TONIGHT A LOVER OF SPACE.

391

00:28:17,200 --> 00:28:21,159

PLEASE WELCOME P.J.

392

00:28:21,159 --> 00:28:24,509

O'ROURKE.

393

00:28:24,509 --> 00:28:33,330

[APPLAUSE]

>> WELL, I AM TRULY HONORED TO

394

00:28:33,330 --> 00:28:35,370

BE HERE TONIGHT.

395

00:28:35,370 --> 00:28:37,370

BUT I HAVE NO IDEA WHY YOU
INVITED ME.

396

00:28:37,370 --> 00:28:38,809

I LOVE SPACE.

397

00:28:38,809 --> 00:28:41,490

I REALLY DO LOVE SPACE BUT I
DON'T KNOW ANYTHING ABOUT

398

00:28:41,490 --> 00:28:42,490

SCIENCE.

399

00:28:42,490 --> 00:28:43,520

I DON'T KNOW ANYTHING ABOUT
ROCKETS.

400

00:28:43,520 --> 00:28:47,590

YOU KNOW WHEN PEOPLE SAY IT'S
NOT ROCKET SCIENCE, THEY'RE

401

00:28:47,590 --> 00:28:48,740

TALKING ABOUT ME.

402

00:28:48,740 --> 00:28:51,690

ACTUALLY AS A KID, I WANTED TO

403

00:28:51,690 --> 00:28:53,260

BE AN ASTROPHYSICIST.

404

00:28:53,260 --> 00:28:57,180

I WANTED TO BE IN THE FOREFRONT
OF SPACE EXPLORATION.

405

00:28:57,180 --> 00:29:01,240

THEN I FOUND OUT SCIENCE
INVOLVES MATH.

406

00:29:01,240 --> 00:29:05,570

AND I DON'T KNOW HOW MUCH A
WHOLE MESS OF NINES ARE.

407

00:29:05,570 --> 00:29:09,080

SO I BECAME AN ENGLISH MAJOR, OR
AS NEW THE WORLD OF SCIENCE CALL

408

00:29:09,080 --> 00:29:11,229

IT, STUPID.

409

00:29:11,229 --> 00:29:13,460

[LAUGHTER]

>> WHICH LED DIRECTLY TO MY

410

00:29:13,460 --> 00:29:16,140

CAREER IN JOURNALISM.

411

00:29:16,140 --> 00:29:19,130

NOW, I'M STUPID ABOUT SCIENCE.

412

00:29:19,130 --> 00:29:23,649

FRANKLY, I'M TOO STUPID TO BE
SPEAKING HERE.

413

00:29:23,649 --> 00:29:28,399

BUT FAIRNESS TO MYSELF, I'M NOT
JUST STUPID.

414

00:29:28,399 --> 00:29:31,690

I AM A STUDENT OF STUPIDITY.

415

00:29:31,690 --> 00:29:34,749

I AM A POLITICAL REPORTER.

416

00:29:34,749 --> 00:29:39,390

[LAUGHTER]

>> WE LIVE IN A DEMOCRACY, RULED

417

00:29:39,390 --> 00:29:45,440

BY THE PEOPLE.

50% OF PEOPLE ARE BELOW AVERAGE

418

00:29:45,440 --> 00:29:48,020

IN INTELLIGENCE.

419

00:29:48,020 --> 00:29:52,419

EVEN I KNOW ENOUGH MATH TO

UNDERSTAND THAT.

420

00:29:52,419 --> 00:29:56,080

PRETTY MUCH EXPLAINS EVERYTHING

ABOUT THIS CURRENT PRESIDENTIAL

421

00:29:56,080 --> 00:29:57,080

ELECTION.

422

00:29:57,080 --> 00:29:59,270

BUT I'LL GET BACK TO THAT.

423

00:29:59,270 --> 00:30:02,500

SEE, THAT 50% FIGURE ALSO

EXPLAINS EVERYTHING ABOUT

424

00:30:02,500 --> 00:30:04,130

POLITICS IN GENERAL.

425

00:30:04,130 --> 00:30:09,520

AND YOU, THE LEADERS OF AMERICAN

SPACE EXPLORATION, YOU ARE AT

426

00:30:09,520 --> 00:30:12,039

THE MERCY OF POLITICS.

427

00:30:12,039 --> 00:30:15,960

YOU ARE ENGAGED IN ONE OF THE

MOST HIGHLY POLITICIZED

428

00:30:15,960 --> 00:30:19,529

ENDEAVORS IN AMERICA, NOT
COUNTING WHAT'S UP WITH DONALD

429

00:30:19,529 --> 00:30:22,289

TRUMP'S HAIR.

430

00:30:22,289 --> 00:30:26,330

THERE ARE A NUMBER OF REASONS
FOR SPACE EXPLORATION BEING SO

431

00:30:26,330 --> 00:30:27,330

POLITICIZED.

432

00:30:27,330 --> 00:30:30,010

THERE ARE DEFENSE
CONSIDERATIONS, OF COURSE.

433

00:30:30,010 --> 00:30:33,640

I MEAN IF IT WEREN'T FOR THE
INTELLIGENCE GATHERED BY SPY

434

00:30:33,640 --> 00:30:35,190

SATELLITES, WE WOULDN'T KNOW

435

00:30:35,190 --> 00:30:40,059

EXACTLY WHERE TO GO POUND SAND
IN THE MIDDLE EAST.

436

00:30:40,059 --> 00:30:43,429

THERE ARE CONSIDERATIONS OF
NATIONAL PRESTIGE.

437

00:30:43,429 --> 00:30:48,270

I AM OLD ENOUGH TO REMEMBER ON
OCTOBER 4th, 1957, HOW

438

00:30:48,270 --> 00:30:52,669

HUMILIATED, SHOCKED AND
EMBARRASSED EVERYONE IN AMERICA,

439

00:30:52,669 --> 00:30:56,480

ESPECIALLY THE BOYS IN MY FIFTH
GRADE CLASS, WERE WHEN RUSSIA

440

00:30:56,480 --> 00:30:58,460

LAUNCHED SPUTNIK.

441

00:30:58,460 --> 00:31:03,830

AND FURTHER HUMILIATION WAS TO
COME WHEN YURI GREGARIAN BECAME

442

00:31:03,830 --> 00:31:05,669

THE FIRST MAN IN SPACE.

443

00:31:05,669 --> 00:31:10,330

WE DIDN'T REALIZE PEOPLE BACK
THEN WOULD DO ANYTHING, EVEN BE

444

00:31:10,330 --> 00:31:14,059

LAUNCHED INTO SPACE TO GET OUT
OF RUSSIA.

445

00:31:14,059 --> 00:31:17,679

[LAUGHTER]

>> YOU KNOW THE REAL REASON FOR

446

00:31:17,679 --> 00:31:22,740

SPACE BEING SO POLITICAL, IT'S
MUCH MORE SIMPLE.

447

00:31:22,740 --> 00:31:24,120

IT'S MONEY.

448

00:31:24,120 --> 00:31:28,570

SPACE EXPLORATION IS EXPENSIVE
AND UNTIL VERY RECENTLY, THE

449

00:31:28,570 --> 00:31:32,470

ONLY PEOPLE WILLING TO SPEND
THAT KIND OF MONEY WERE

450

00:31:32,470 --> 00:31:33,470

GOVERNMENTS.

451

00:31:33,470 --> 00:31:38,399

NOW, AT THE MOMENT, IT STILL
COSTS APPROXIMATELY \$10,000 A

452

00:31:38,399 --> 00:31:41,120

POUND TO SEND A PAYLOAD INTO
ORBIT.

453

00:31:41,120 --> 00:31:46,450

NOW, \$10,000 A POUND, BY MY
CALCULATION, THAT MEANS FOR

454

00:31:46,450 --> 00:31:50,769

PRIVATE INDIVIDUAL, ONLY THING
WORTH SHIP IN A LAUNCH VEHICLE

455

00:31:50,769 --> 00:31:52,710

IS ILLEGAL DRUGS.

456

00:31:52,710 --> 00:31:59,909

[LAUGHTER]

>> NOW, MAYBE, NOW MAYBE WE'RE

457

00:31:59,909 --> 00:32:03,890

ENTERING AN ERA WHERE PRIVATE
ENTERPRISE AND ILLEGAL DRUGS

458

00:32:03,890 --> 00:32:08,260

WILL BE DRIVING, THE DRIVING
FORCE BEHIND SPACE EXPLORATION.

459

00:32:08,260 --> 00:32:09,260

MAYBE.

460

00:32:09,260 --> 00:32:12,250

SpaceX FALCON HEAVY, CLAIMS
MIGHT GET THE COST OF SENDING

461

00:32:12,250 --> 00:32:14,750

SOMETHING INTO ORBIT DOWN TO A
THOUSAND DOLLARS A POUND.

462

00:32:14,750 --> 00:32:18,990

I FIGURED IT OUT, A THOUSAND
DOLLARS A POUND IS ABOUT WHAT IT

463

00:32:18,990 --> 00:32:21,630

WILL COST TO SEND MY KIDS TO
COLLEGE.

464

00:32:21,630 --> 00:32:25,940

[LAUGHTER]

>> VIRGIN GALACTIC IS PROMISING

465

00:32:25,940 --> 00:32:29,019

SPACE TOURISM, WHICH I THINK IS
A WONDERFUL THING BECAUSE I HAVE

466

00:32:29,019 --> 00:32:33,710

A WHOLE LIST OF PEOPLE I'D LIKE
TO BLAST INTO SPACE.

467

00:32:33,710 --> 00:32:35,940

BUT AS I MENTIONED, I WILL GET
BACK TO THE SUBJECT OF THIS

468

00:32:35,940 --> 00:32:37,860

ELECTION IN A MOMENT.

469

00:32:37,860 --> 00:32:41,670

ANYWAY, FOR THE FORESEEABLE
FUTURE, GOVERNMENTS ARE STILL

470

00:32:41,670 --> 00:32:45,010

GOING TO BE PAYING FOR MOST OF
SPACE EXPLORATION.

471

00:32:45,010 --> 00:32:49,620

AND YOU SEE THIS PUTS ALL OF
YOU, ALL OF YOU INVOLVED IN

472

00:32:49,620 --> 00:32:54,710

AMERICA'S SPACE PROGRAM, IT PUTS
NEW THE POSITION OF BEING

473

00:32:54,710 --> 00:32:56,049

WASHINGTON LOBBYISTS.

474

00:32:56,049 --> 00:32:59,940

NOW, I'M SORRY, THAT CAME OUT
SOUNDING LIKE AN INSULT.

475

00:32:59,940 --> 00:33:02,880

AND I DIDN'T MEAN IT AS AN
INSULT.

476

00:33:02,880 --> 00:33:04,490

EVEN MEAN IT AS KIND OF A

477

00:33:04,490 --> 00:33:05,490

COMPLIMENT.

478

00:33:05,490 --> 00:33:09,269

WHEN I FIRST WENT TO WASHINGTON
AS A POLITICAL REPORTER, I HAD

479

00:33:09,269 --> 00:33:13,070

THE USUAL POLITICAL REPORTER'S
PREJUDICE AGAINST LOBBYING.

480

00:33:13,070 --> 00:33:16,899

I THOUGHT LOBBYISTS WERE THESE
SMART OPERATORS WHO USED THEIR

481

00:33:16,899 --> 00:33:20,400
SMARTS TO TWIST GOVERNMENT
POLICY AND GET SPECIAL TREATMENT

482

00:33:20,400 --> 00:33:22,740
FOR THEIR BUSINESS CLIENTS.

483

00:33:22,740 --> 00:33:24,990
THEN ONE NIGHT I WAS HAVING A
DRINK WITH A CONGRESSIONAL

484

00:33:24,990 --> 00:33:29,970
STAFFER, A FRIEND OF MINE, AND I
SAID SOMETHING ABOUT WHAT SMART

485

00:33:29,970 --> 00:33:32,600
OPERATORS ARES LOBBYISTS ARE.

486

00:33:32,600 --> 00:33:37,270
MY CONGRESSIONAL STAFFER FRIEND
SAID, LOBBYING ISN'T ABOUT BEING

487

00:33:37,270 --> 00:33:38,610
SMART.

488

00:33:38,610 --> 00:33:40,470
LOBBYING IS ABOUT BEING STUPID.

489

00:33:40,470 --> 00:33:43,590
I SAID WELL, LOBBYISTS AREN'T
STUPID.

490

00:33:43,590 --> 00:33:46,539
AND HE SAID NO, OF COURSE NOT.

491

00:33:46,539 --> 00:33:48,060

CONGRESSMEN ARE STUPID.

492

00:33:48,060 --> 00:33:50,570

[LAUGHTER]

>> NOT ALL OF THEM.

493

00:33:50,570 --> 00:33:54,759

I THINK WE GOT ONE HERE -- NOT HIM.

494

00:33:54,759 --> 00:34:00,030

[LAUGHTER]

>> OTHER CONGRESSMEN.

495

00:34:00,030 --> 00:34:01,460

AND I SAID, WHAT DO YOU MEAN?

496

00:34:01,460 --> 00:34:04,440

MY STAFFER FRIENDS SAID LOOK,
TAKE A CONGRESSMAN FROM OREGON

497

00:34:04,440 --> 00:34:06,710

WHERE THERE'S BIG TIMBER
INDUSTRY.

498

00:34:06,710 --> 00:34:10,079

HE IS PERFECTLY CAPABLE OF
INTRODUCING A BILL REQUIRING ALL

499

00:34:10,079 --> 00:34:12,899

MOTOR VEHICLES TO BURN WOOD
INSTEAD OF GASOLINE.

500

00:34:12,899 --> 00:34:16,260

NOW HE GETS TOGETHER WITH A
CONGRESSMAN FROM MAINE AND YOU

501

00:34:16,260 --> 00:34:19,270

HAVE A BILL REQUIRING ALL MOTOR
VEHICLES TO BURN WOOD AND

502

00:34:19,270 --> 00:34:20,770

POTATOES.

503

00:34:20,770 --> 00:34:24,040

THEN THE TWO OF THEM JOIN WITH
CONGRESSMAN FROM CALIFORNIA AND

504

00:34:24,040 --> 00:34:26,899

PRETTY SOON YOU'VE GOT A LAW
THAT YOUR CAR HAS TO BE FUELED

505

00:34:26,899 --> 00:34:32,260

BY WOOD, POTATOES AND STAR POWER
OF CATE BLANCHETT.

506

00:34:32,260 --> 00:34:33,440

MY STAFFER FRIEND SAID IF IT

507

00:34:33,440 --> 00:34:37,340

WEREN'T FOR LOBBYISTS, LAWS LIKE
THAT WOULD GET PASSED WITHOUT

508

00:34:37,340 --> 00:34:42,210

ANYBODY EVER HEARING A SINGLE
OBJECTION FROM CARMAKERS, FROM

509

00:34:42,210 --> 00:34:46,149

FUEL REFINERS OR FROM CATE
BLANCHETT'S AGENT.

510

00:34:46,149 --> 00:34:49,700

NOW MY STAFFER FRIEND DID NOT
MEAN THAT CONGRESSMAN ARE STUPID

511

00:34:49,700 --> 00:34:52,010

IN A LOW IQ SENSE.

512

00:34:52,010 --> 00:34:53,849

ALTHOUGH THAT HAPPENS.

513

00:34:53,849 --> 00:34:59,470

BUT HE MEANT THAT CONGRESS HAS A
LOT MORE POWER TO ACT THAN IT

514

00:34:59,470 --> 00:35:02,850

HAS INTELLIGENT INFORMATION TO
ACT UPON.

515

00:35:02,850 --> 00:35:07,470

AND THIS IS WHY BUSINESS PEOPLE,
INCLUDING YOU PEOPLE, WHO ARE IN

516

00:35:07,470 --> 00:35:11,920

THIS SPACE EXPLORATION BUSINESS,
YOU HAVE TO GIVE POLITICIANS THE

517

00:35:11,920 --> 00:35:14,349

BUSINESS BY LOBBYING THEM.

518

00:35:14,349 --> 00:35:18,270

BUT AS SPACE LOBBYISTS, YOU'RE
IN A TOUGH POSITION.

519

00:35:18,270 --> 00:35:21,890

MINE WHAT WOULD THE DEFICIT AND
THE NATIONAL DEBT, CONGRESSMAN

520

00:35:21,890 --> 00:35:25,411

ARE LOOKING EVERYWHERE FOR
BUDGET CUTS, EVERYWHERE THAT IS

521

00:35:25,411 --> 00:35:28,450

EXCEPT IN THEIR OWN
CONGRESSIONAL DISTRICTS.

522

00:35:28,450 --> 00:35:32,220

WHICH IS WHY I THINK YOU SHOULD
HAVE LAUNCH PADS IN ALL 435

523

00:35:32,220 --> 00:35:34,050
CONGRESSIONAL DISTRICTS.

524

00:35:34,050 --> 00:35:37,349
CONGRESS WOULD REALLY BE A LOT
MORE SUPPORTIVE OF NASA.

525

00:35:37,349 --> 00:35:40,060
ANYWAY, YOU'RE IN A TOUGH
POSITION.

526

00:35:40,060 --> 00:35:41,540
IT'S TOUGH BUT IT'S NOT
IMPOSSIBLE.

527

00:35:41,540 --> 00:35:45,130
I MEAN, FOR INSTANCE, I'M A
BUDGET HAWK.

528

00:35:45,130 --> 00:35:47,430
I WANT TO CUT ALL GOVERNMENT
SPENDING.

529

00:35:47,430 --> 00:35:51,440
I WANT TO MEANS TEST THE
INTERSTATE HIGHWAY SYSTEM.

530

00:35:51,440 --> 00:35:55,109
I WANT TO SAY YOU IN THE
CADILLAC ESCALADE, GO BUY YOUR

531

00:35:55,109 --> 00:35:57,430
OWN I-45.

532

00:35:57,430 --> 00:36:01,750
BUT I STILL SUPPORT ARE FUNDING
FOR NASA.

533

00:36:01,750 --> 00:36:05,390
I SUPPORT INCREASED FUNDING FOR
NASA.

534
00:36:05,390 --> 00:36:06,390
WHY?

535
00:36:06,390 --> 00:36:09,230
WELL, FOR -- WHERE'S THE
DOWNSIDE?

536
00:36:09,230 --> 00:36:13,930
FOR ONE THING, NASA'S BUDGET,
\$19 BILLION.

537
00:36:13,930 --> 00:36:15,150
A LOT OF GOVERNMENT.

538
00:36:15,150 --> 00:36:17,280
WHERE ELSE, IF IT WEREN'T FOR
GOVERNMENT, COULD GUILT AN

539
00:36:17,280 --> 00:36:21,310
OPPORTUNITY TO SAY THE WORDS
JUST \$19 BILLION?

540
00:36:21,310 --> 00:36:27,260
LOOK, \$19 BILLION IS ONLY, IT'S
ONLY ABOUT \$60 A PERSON, PER

541
00:36:27,260 --> 00:36:28,520
PERSON IN AMERICA.

542
00:36:31,830 --> 00:36:29,520
\$60.

543
00:36:31,830 --> 00:36:33,750
LET ALONE GO SEE THE RINGS OF
SATURN.

544

00:36:33,750 --> 00:36:37,940

ANOTHER THING, SPACE EXPLORATION
IS ONE GOVERNMENT PROGRAM THAT

545

00:36:37,940 --> 00:36:39,260

ISN'T SCREWED UP.

546

00:36:39,260 --> 00:36:43,020

I MEAN COMPARED ARE TORE NO
CHILD LEFT BEHIND.

547

00:36:43,020 --> 00:36:46,960

WHAT IF THEY DESERVE TO BE LEFT
BEHIND?

548

00:36:46,960 --> 00:36:48,300

WHAT IF THEY DESERVE A SMACK ON

549

00:36:48,300 --> 00:36:50,890

THE BEHIND?

550

00:36:50,890 --> 00:36:54,160

NATIONWIDE TESTING PROGRAM TO
TEST WHETHER KIDS ARE WHAT?

551

00:36:54,160 --> 00:36:55,160

DUMB?

552

00:36:55,160 --> 00:36:56,160

YOU'VE GOT KIDS.

553

00:36:56,160 --> 00:36:57,920

KIDS ARE DUMB.

554

00:36:57,920 --> 00:37:00,619

[LAUGHTER]

>> BUT THE MOST IMPORTANT REASON

555

00:37:00,619 --> 00:37:06,090
TO SUPPORT SPACE EXPLORATION IS
THAT IT IS AN INVESTMENT IN PURE

556
00:37:06,090 --> 00:37:07,530
KNOWLEDGE.

557
00:37:07,530 --> 00:37:10,930
WE HAVE NO IDEA WHAT THAT
KNOWLEDGE WILL BE.

558
00:37:10,930 --> 00:37:15,750
WE HAVE NO IDEA HOW THAT
KNOWLEDGE WILL BE OF USE.

559
00:37:15,750 --> 00:37:20,520
IT IS A SPECULATIVE INVESTMENT
BUT WHEN MANKIND HAS INVESTED IN

560
00:37:20,520 --> 00:37:25,410
PURE KNOWLEDGE, THE RESULTS HAVE
BEEN SPECTACULAR.

561
00:37:25,410 --> 00:37:27,089
LIKE ALEXANDER THE GREAT'S DAD.

562
00:37:27,089 --> 00:37:31,730
HE HIRED ARISTOTLE AS AXE YEAR'S
THE GREAT'S TUTOR.

563
00:37:31,730 --> 00:37:34,800
AND THE KID WENT ON TO CONGER
THE WORLD.

564
00:37:34,800 --> 00:37:36,369
OR ALBERT EINSTEIN.

565
00:37:36,369 --> 00:37:40,820
EINSTEIN, HE'S FORMULATING THE
THEORY OF RELATIVITY AND HE'S

566

00:37:40,820 --> 00:37:44,480

GOT NO CLUE WHAT ANYBODY IS
GOING TO GET OUT OF THE TIME AND

567

00:37:44,480 --> 00:37:46,900

EVIDENT THAT HE WAS INVESTING IN
PURE KNOWLEDGE.

568

00:37:46,900 --> 00:37:49,870

BUT WE WERE PRETTY GLAD TO HAVE
THAT KNOWLEDGE WHEN WE NEEDED TO

569

00:37:49,870 --> 00:37:53,890

PUT AND END THE WORLD WAR II
WITH THE ATOMIC BOMB.

570

00:37:53,890 --> 00:37:58,330

OR MARK ZUCKERBERG'S SENDING HIM
TO HARVARD.

571

00:37:58,330 --> 00:38:01,080

LITTLE DID ANYONE KNOW THAT IT
WOULD RESULT IN MY DAUGHTER'S

572

00:38:01,080 --> 00:38:03,440

STUPID FACEBOOK PAGE.

573

00:38:03,440 --> 00:38:06,150

[LAUGHTER]

>> NOT EVERY INVESTMENT IN PURE

574

00:38:06,150 --> 00:38:07,869

KNOWLEDGE WORKS OUT.

575

00:38:07,869 --> 00:38:13,390

AND THERE'S ONE MORE REASON THAT
I SUPPORT SPENDING MONEY, AND

576

00:38:13,390 --> 00:38:15,990

LOTS OF IT, ON SPACE
EXPLORATION.

577

00:38:15,990 --> 00:38:19,800

BECAUSE IT'S JUST SO COOL.

578

00:38:19,800 --> 00:38:21,400

IT'S JUST SO DAMN COOL.

579

00:38:21,400 --> 00:38:24,270

I MEAN, I WILL NEVER FORGET IT,

580

00:38:24,270 --> 00:38:28,330

JULY 20th, 1969, A MAN ON THE
MOON.

581

00:38:28,330 --> 00:38:29,330

SO COOL.

582

00:38:29,330 --> 00:38:33,310

AND MIND YOU, THIS IS IN THE
1960s.

583

00:38:33,310 --> 00:38:37,119

COUPLE OF BONG HITS AND I WAS ON
THE MOON EVERY WEEKEND.

584

00:38:37,119 --> 00:38:39,840

BUT IT WAS STILL JUST SO COOL.

585

00:38:39,840 --> 00:38:44,420

AND YOU KNOW THE GOVERNMENT, THE
GOVERNMENT DOESN'T DO ALL THAT

586

00:38:44,420 --> 00:38:45,859

MANY COOL THINGS.

587

00:38:45,859 --> 00:38:49,630

I MEAN, IF THE GOVERNMENT WAS A
HIGH SCHOOL STUDENT, IT WOULD BE

588

00:38:49,630 --> 00:38:51,329
EATING LUNCH ALONE.

589

00:38:51,329 --> 00:38:56,680
IN THE CAFETERIA, AT THE IRS
TABLE.

590

00:38:56,680 --> 00:39:00,380
[LAUGHTER]
>> SO, ALL OF YOU HAVE TO THINK

591

00:39:00,380 --> 00:39:01,970
LIKE WASHINGTON LOBBYISTS.

592

00:39:01,970 --> 00:39:04,530
YOU HAVE TO THINK LIKE
WASHINGTON LOBBYISTS AND YOU

593

00:39:04,530 --> 00:39:08,369
HAVE TO THINK LIKE SOME KIND OF
INTELLECTUAL INVESTMENT BANKERS.

594

00:39:08,369 --> 00:39:10,500
FIRST NATIONAL BANK OF THE MIND.

595

00:39:10,500 --> 00:39:13,150
PLUS YOU HAVE TO UNDERSTAND

596

00:39:13,150 --> 00:39:14,210
POLITICS.

597

00:39:14,210 --> 00:39:18,700
WHICH BRINGS ME AS THREATENED TO
THIS YEAR'S POLITICAL ELECTION.

598

00:39:18,700 --> 00:39:22,050

WHICH CERTAINLY SEEMS TO COME
FROM OUTER SPACE.

599

00:39:22,050 --> 00:39:28,270
BUT OTHER THAN THAT, WHAT WE
HAVE HEARD FROM THE 2016

600

00:39:28,270 --> 00:39:32,320
PRESIDENTIAL CANDIDATES ABOUT
SPACE POLICY HAS BEEN SPACE

601

00:39:32,320 --> 00:39:34,810
BETWEEN THEIR EARS.

602

00:39:34,810 --> 00:39:35,830
NOTHING.

603

00:39:35,830 --> 00:39:38,940
FIRST THING I WANT TO NOTE IS
THAT NONE OF THE 2016

604

00:39:38,940 --> 00:39:41,859
CANDIDATES, THE BEST OF MY
KNOWLEDGE, NONE OF THE 2016

605

00:39:41,859 --> 00:39:45,640
CANDIDATES, AND THERE WERE ABOUT
40 OF THEM, NOT ONE OF THEM

606

00:39:45,640 --> 00:39:49,109
REACHED OUT TO NASA
ADMINISTRATOR CHARLIE BOLDEN.

607

00:39:49,109 --> 00:39:53,930
NOW, GENERAL, I HOPE I'M WRONG
ABOUT THAT BUT I THINK HE'S

608

00:39:53,930 --> 00:39:56,260
SHAKING HIS HEAD.

609

00:39:56,260 --> 00:40:03,960

AFRAID I'M NOT WRONG ABOUT IT.

610

00:40:03,960 --> 00:40:06,920

THANKS TO THE BILL NYE, I
CONSULTED OUR FRIENDS AT THE

611

00:40:06,920 --> 00:40:10,950

PLANETARY SOCIETY ABOUT SPACE
POLICY, CAMPAIGN PLATFORM PLANKS

612

00:40:10,950 --> 00:40:16,280

THEY'VE BEEN KEEPING CAREFUL
CARE, CAREFUL WATCH ON THIS.

613

00:40:16,280 --> 00:40:20,840

BERNIE SANDERS IS A LITTLE
EVASIVE ABOUT HIS PREVIOUS VOTES

614

00:40:20,840 --> 00:40:24,000

TO CUT NASA BUDGET.

615

00:40:24,000 --> 00:40:27,359

SANDERS HAS SAID AND I QUOTE,
SOMETIMES AND FRANKLY I DON'T

616

00:40:27,359 --> 00:40:30,619

REMEMBER ALL OF THOSE VOTES, ONE
IS PUT IN THE POSITION OF HAVING

617

00:40:30,619 --> 00:40:33,460

TO MAKE A VERY, VERY DIFFICULT
CHOICE ABOUT WHETHER TO VOTE TO

618

00:40:33,460 --> 00:40:37,010

PROVIDE FOOD FOR HUNGRY KIDS OR
OTHER PROGRAMS.

619

00:40:37,010 --> 00:40:42,700

BERNIE, NASA'S BUDGET IS LESS
THAN ONE HALF OF ONE PERCENT OF

620
00:40:42,700 --> 00:40:44,850
THE FEDERAL BUDGET.

621
00:40:44,850 --> 00:40:46,270
ONE HALF OF ONE PERCENT.

622
00:40:46,270 --> 00:40:51,530
NOW, HUNGRY KIDS NEED ABOUT
1800 CALORIES A DAY.

623
00:40:51,530 --> 00:40:56,830
ONE HALF OF ONE PERCENT IS NINE
CALORIES.

624
00:40:56,830 --> 00:41:00,280
THAT'S FOUR PIECES OF ASPARAGUS.

625
00:41:00,280 --> 00:41:01,330
AND KIDS DON'T EVEN LIKE

626
00:41:01,330 --> 00:41:04,670
ASPARAGUS.

627
00:41:04,670 --> 00:41:09,180
TED CRUZ, YOU KNOW, HE TALKS
PRETTY GOOD GAME, AS WELL HE

628
00:41:09,180 --> 00:41:11,510
SHOULD, SINCE HE CHAIRS THE
SENATE SUBCOMMITTEE ON SPACE

629
00:41:11,510 --> 00:41:14,290
SCIENCE AND COMPETITIVENESS.

630
00:41:14,290 --> 00:41:18,460
BUT CRUZ HAS CALLED FOR NASA TO

DEEMPHASIZE ITS FOCUS ON EARTH

631

00:41:18,460 --> 00:41:21,869

SCIENCE BECAUSE ACCORDING TO
CRUZ, AND AGAIN I QUOTE, EARTH

632

00:41:21,869 --> 00:41:25,550

SIGNS IS NOT WHAT INSPIRES
LITTLE BOYS AND GIRLS ACROSS THE

633

00:41:25,550 --> 00:41:26,550

COUNTRY.

634

00:41:26,550 --> 00:41:30,720

AS THE PLANETARY SOCIETY NOTES
ABOUT CRUZ IN HIS TENURE AS

635

00:41:30,720 --> 00:41:34,770

CHAIR, HE HAS YET TO PASS A NASA
AUTHORIZATION BILL.

636

00:41:34,770 --> 00:41:38,950

NOW, DONALD TRUMP SAYS WELL, HE
SAYS THE SORT OF THINGS YOU

637

00:41:38,950 --> 00:41:41,150

WOULD EXPECT DONALD TRUMP TO
SAY.

638

00:41:41,150 --> 00:41:43,270

NOW, HERE'S DONALD TRUMP.

639

00:41:43,270 --> 00:41:45,530

IN THE OLD DAYS, NASA WAS GREAT.

640

00:41:45,530 --> 00:41:47,960

RIGHT NOW WE HAVE BIGGER
PROBLEMS, YOU UNDERSTAND, WE

641

00:41:47,960 --> 00:41:50,420
HAVE TO FIX OUR POTHOLES.

642
00:41:50,420 --> 00:41:54,250
WITH HIS HAIR STUFFED IN THEM
WOULD BE MY GUESS.

643
00:41:54,250 --> 00:41:57,970
HILLARY CLINTON, WELL, WITH
HILLARY CLINTON, SPACE IS, WELL,

644
00:41:57,970 --> 00:42:02,730
WITH HILLARY CLINTON, EVERYTHING
IS PERSONAL.

645
00:42:02,730 --> 00:42:05,579
HERE IS HILLARY CLINTON ON THE
SUBJECT OF SPACE IN THE

646
00:42:05,579 --> 00:42:07,089
WASHINGTON POST.

647
00:42:07,089 --> 00:42:10,300
SHE SAID AND I QUOTE, WELL WE
DECIDED UNDER PRESIDENT

648
00:42:10,300 --> 00:42:12,840
KENNEDY'S LEADERSHIP THAT OUR
NATION WAS GOING TO GO TO THE

649
00:42:12,840 --> 00:42:14,980
MOON AND WE WERE GOING TO HAVE
AN ASTRONAUT PROGRAM.

650
00:42:14,980 --> 00:42:21,140
WHEN I WAS 13 HE WROTE TO NASA
TO WHAT I NEEDED TO DO TO BE AN

651
00:42:21,140 --> 00:42:22,140
ASTRONAUT.

652

00:42:22,140 --> 00:42:24,390

OF COURSE THERE WEREN'T ANY
WOMEN ASTRONAUTS AND NASA WROTE

653

00:42:24,390 --> 00:42:27,160

BACK AND SAID THERE WOULD NOT BE
ANY WOMEN ASTRONAUTS AND I WAS

654

00:42:27,160 --> 00:42:30,270

CREST FALLEN.

655

00:42:30,270 --> 00:42:32,770

AS FOR JOHN KASICH, PLANETARY

656

00:42:32,770 --> 00:42:35,591

SOCIETY SAYS WE COULD FIND NO
STATEMENTS REGARDING GNATS BY

657

00:42:35,591 --> 00:42:38,760

JOHN KASICH NASA BY JOHN KASICH.

658

00:42:38,760 --> 00:42:41,200

WHO ARE THESE JACK LEGS?

659

00:42:41,200 --> 00:42:42,370

THESE HIGH BINDERS?

660

00:42:42,370 --> 00:42:49,480

THESE WIRE PULLERS, SWELLHEADS,
FOURFLUSHERS AND ANIMATED

661

00:42:49,480 --> 00:42:53,350

SPITTOONS OFFERING THEMSELVES AS
WORTHY OF AMERICA'S HIGHEST

662

00:42:53,350 --> 00:42:55,269

OFFICE?

663

00:42:55,269 --> 00:43:02,960

[APPLAUSE]

>> CRUZ, KASICH, CLINTON,

664

00:43:02,960 --> 00:43:06,630

SANDERS AND TRUMP, THAT'S NOT A LIST OF PRESIDENTIAL CANDIDATES.

665

00:43:06,630 --> 00:43:09,740

THAT'S THE WORST LAW FIRM IN THE WORLD.

666

00:43:09,740 --> 00:43:11,950

[LAUGHTER]

>> THAT IS A LAW FIRM THAT

667

00:43:11,950 --> 00:43:15,200

COULDN'T GET CAITLYN JENNER OFF ON A CHARGE OF BRUCE JENNER

668

00:43:15,200 --> 00:43:19,470

IDENTITY THEFT.

669

00:43:19,470 --> 00:43:23,619

WHEN ALL THIS START IT, IT LOOKED TO ME LIKE, WELL, THE TWO

670

00:43:23,619 --> 00:43:25,829

CANDIDATES WERE FOR SURE WERE GOING TO BE HILLARY AND JEB.

671

00:43:25,829 --> 00:43:29,430

AND YOU KNOW, THE ELECTORATE WOULD GO INTO THE VOTING BOOTH,

672

00:43:29,430 --> 00:43:32,740

SEE THE NAMES BUSH AND CLINTON AND THINK TO THEMSELVES, GOSH,

673

00:43:32,740 --> 00:43:34,540
I'M GETTING FORGETFUL.

674
00:43:34,540 --> 00:43:36,800
DID I THIS.

675
00:43:36,800 --> 00:43:41,020
AND THEY'D LEAVE WITHOUT MARK
THE BALLOT AND VOTER TURN OUT

676
00:43:41,020 --> 00:43:44,010
WOULD BE SIX PERCENT.

677
00:43:44,010 --> 00:43:46,250
SHUTTLE FROM THE OLD AGE HOME
WOULD BRING A FEW SENILE

678
00:43:46,250 --> 00:43:48,570
REPUBLICANS TO THE POLL ALSO.

679
00:43:48,570 --> 00:43:50,990
DEMOCRATIC NATIONAL COMMITTEE
BUS WILL COLLECT SOME DERELICTS

680
00:43:50,990 --> 00:43:54,230
FROM SKID ROW AND WE WOULD HAVE
THE FIRST PRESIDENT OF THE

681
00:43:54,230 --> 00:43:57,270
UNITED STATES ELECTED BY
FRANCHISE LIMITED TO SUFFERERS

682
00:43:57,270 --> 00:44:01,190
OF ALZHEIMER'S DISEASE AND
DRUNKEN BUMS.

683
00:44:01,190 --> 00:44:02,550
WHAT HAPPENED WITH JEB BUSH?

684

00:44:02,550 --> 00:44:04,450
JEB, HE HAD IT ALL.

685
00:44:04,450 --> 00:44:07,890
HE'S YOUNG, FOR A REPUBLICAN.

686
00:44:07,890 --> 00:44:10,480
[LAUGHTER]
>> PHI BETA KAPPA, SUCCESSFUL

687
00:44:10,480 --> 00:44:11,480
BUSINESSMAN.

688
00:44:11,480 --> 00:44:15,640
FORMER GOVERNOR OF FLORIDA, WITH
BALLOTING, CORRUPTION ARE VITAL

689
00:44:15,640 --> 00:44:17,230
TO THE GOP.

690
00:44:17,230 --> 00:44:22,450
PLUS, HE WAS ROLLING LIKE A
DIRTY DOG IN CAMPAIGN

691
00:44:22,450 --> 00:44:23,450
CONTRIBUTIONS.

692
00:44:23,450 --> 00:44:25,250
AND THEN JUST ALL WENT WRONG.

693
00:44:25,250 --> 00:44:29,370
AND HILLARY, HILLARY COMES UP
AGAINST BERNIE SANDERS, THE

694
00:44:29,370 --> 00:44:33,370
SCREWY KABLUEY COMMANDER OF THE
VERMONT CONGRESS.

695
00:44:33,370 --> 00:44:40,200

BERNIE SAYS HE WANTS TO MAKE
AMERICA MORE LIKE EUROPE.

696

00:44:40,200 --> 00:44:41,200

GREAT IDEA.

697

00:44:41,200 --> 00:44:44,740

BECAUSE EUROPE HAS HAD A SWELL
TRACK RECORD.

698

00:44:44,740 --> 00:44:46,240

LIKE A HUNDRED YEARS NOW.

699

00:44:46,240 --> 00:44:51,430

I MEAN, EVER SINCE ARCHDUKE
FERDINAND'S CAR GOT A FLAT IN

700

00:44:51,430 --> 00:44:54,130

SARAJEVO, 1914.

701

00:44:54,130 --> 00:44:56,329

MAKE AMERICA MORE LIKE EUROPE.

702

00:44:56,329 --> 00:45:00,190

WHERE DO YOU EVEN GO TO GET ALL
THE NAZIS AND COMMIES AND

703

00:45:00,190 --> 00:45:01,720

90 MILLION DEAD PEOPLE THAT IT

704

00:45:01,720 --> 00:45:06,410

WOULD TAKE TO MAKE AMERICA MORE
LIKE EUROPE?

705

00:45:06,410 --> 00:45:10,670

MEANWHILE, HILLARY CARRIES MORE
BAGGAGE THAN THE BOEING SHE USED

706

00:45:10,670 --> 00:45:15,329

AS SECRETARY OF STATE VISITING
EVERY COUNTRY THAT LATER BLEW UP

707

00:45:15,329 --> 00:45:18,760

IN HER FACE AND HER QUEST TO
FULFILL THE MISSION OF THE U.S.

708

00:45:18,760 --> 00:45:23,180

SECRETARY OF STATE, WHICH IS TO
ACCUMULATE FREQUENT FLIER MILES.

709

00:45:23,180 --> 00:45:25,710

ON THE UPSIDE, HILLARY IS
FAMILIAR WITH THE WHITE HOUSE.

710

00:45:25,710 --> 00:45:29,420

SHE KNOWS WHERE THE EXTRA TOILET
PAPER IS STORED AND WHERE THE

711

00:45:29,420 --> 00:45:32,740

SPARE KEY TO THE NEW MISSILE
LAUNCH BRIEFCASE IS HIDDEN.

712

00:45:32,740 --> 00:45:37,750

IT'S ON THE TRUMAN BALCONY,
SECOND PILLAR FROM THE LEFT.

713

00:45:37,750 --> 00:45:41,619

TED CRUZ, TED CRUZ A CULTURAL
CONSERVATIVE.

714

00:45:41,619 --> 00:45:44,410

TED IS STILL FIGHTING THE
CULTURAL WARS.

715

00:45:44,410 --> 00:45:47,570

HE'S UP ON THE FRONT LINE
BRAVELY FIRING AWAY WITHOUT

716

00:45:47,570 --> 00:45:49,640

NOTICING THAT THE OTHER SIDE HAS

717

00:45:49,640 --> 00:45:53,380

GONE HOME TO CELEBRATE VICTORY,
WITH LEGALIZED MARIJUANA,

718

00:45:53,380 --> 00:45:56,010

SAME-SEX WEDDING RECEPTIONS, YOU
KNOW?

719

00:45:56,010 --> 00:45:58,190

TED, KNOCK IT OFF.

720

00:45:58,190 --> 00:46:01,470

ALSO TED, STOP BEING
ANTIABORTION RANTS.

721

00:46:01,470 --> 00:46:04,590

I HAVE TWO TEENAGE DAUGHTERS.

722

00:46:04,590 --> 00:46:08,140

IF ABORTION LAWS NEED ANY
TWEAKING, IT'S THIS.

723

00:46:08,140 --> 00:46:12,460

THE WOMAN GETS TO DECIDE WHAT TO
DO WITH THE BABY AND I GET TO

724

00:46:12,460 --> 00:46:16,270

DECIDE WHAT TO DO WITH THE
BOYFRIEND.

725

00:46:16,270 --> 00:46:20,390

[LAUGHTER]

>> THEN THERE'S KASICH.

726

00:46:20,390 --> 00:46:22,730

KASICH, CONSERVATIVE GUY.

727

00:46:22,730 --> 00:46:24,240
VERY POPULAR IN OHIO.

728
00:46:24,240 --> 00:46:34,550
A STATE AS PURPLE AS.

729
00:46:34,550 --> 00:46:38,180
WHICH LEAVES DONALD TRUMP.

730
00:46:38,180 --> 00:46:40,400
AND I SUPPORT DONALD TRUMP.

731
00:46:40,400 --> 00:46:42,010
AND I'LL TELL YOU WHY I SUPPORT
ARE DONALD TRUMP.

732
00:46:42,010 --> 00:46:44,829
I SUPPORT DONALD TRUMP BECAUSE
OF SOMETHING THE GREAT POLITICAL

733
00:46:44,829 --> 00:46:45,880
SATIRIST H.L.

734
00:46:45,880 --> 00:46:47,960
MENCKEN SAID.

735
00:46:47,960 --> 00:46:50,900
DEMOCRACY IS THE THEORY THAT THE
COMMON PEOPLE KNOW WHAT THEY

736
00:46:50,900 --> 00:46:55,250
WANT AND DESERVE TO GET IT GOOD
AND HARD.

737
00:46:55,250 --> 00:46:58,359
[LAUGHTER]
>> I MEAN, TRUMP'S CHIEF

738
00:46:58,359 --> 00:47:02,030

DOMESTIC POLICY GOAL WILL BE TO
BE ON TV.

739

00:47:02,030 --> 00:47:05,410
AND AS PRESIDENT, HE'LL GET TO
BE ON TV TALL TIME.

740

00:47:05,410 --> 00:47:06,410
24/7.

741

00:47:06,410 --> 00:47:07,410
MIGHT NOT BE A BAD THING.

742

00:47:07,410 --> 00:47:09,750
JUST SPRAYING HIS HAIR DURING
COMMERCIAL BREAKS, GOING TO KEEP

743

00:47:09,750 --> 00:47:13,560
HIM TOO BUSY TO PUSH ANY OTHER
BIRD BRAIN SCHEMES HE MIGHT HAVE

744

00:47:13,560 --> 00:47:14,560
UP HIS SLEEVE.

745

00:47:14,560 --> 00:47:17,470
THEN IMAGINE TRUMP'S FOREIGN
POLICY.

746

00:47:17,470 --> 00:47:21,360
HERE'S A GUY, HE'S UNDER THE
ILLUSION, HE'S TEN TIMES RICHER

747

00:47:21,360 --> 00:47:22,849
THAN HE ACTUALLY IS.

748

00:47:22,849 --> 00:47:27,410
HE BELIEVES PRESIDENT OBAMA WAS
BORN TO THE QUEEN OF SHEBA AND

749

00:47:27,410 --> 00:47:31,290
HE THINKS CHILDHOOD VACCINATION
CAUSED THE MOVIE "RAINMAN."

750
00:47:31,290 --> 00:47:37,240
RUSSIA, CHINA, IRAN, ISIS, THE
TALIBAN AND HAMAS ARE GOING TO

751
00:47:37,240 --> 00:47:39,140
BE PARALYZED WITH FEAR.

752
00:47:39,140 --> 00:47:42,730
WHO KNOWS WHAT THIS LUNATIC IS
GOING TO DO?

753
00:47:42,730 --> 00:47:46,020
WHAT HE'LL DO IS BUILD HUNDREDS
OF TRUMP CASINOS, TRUMP HOTELS

754
00:47:46,020 --> 00:47:51,670
AND TRUMP RESORTS IN MOSCOW,
BEIJING, TEHRAN AND GAZA STRIP

755
00:47:51,670 --> 00:47:54,849
AND THEN THEY'LL ALL GO
BANKRUPT, YOU KNOW, THE WAY

756
00:47:54,849 --> 00:47:57,720
TRUMP TAJ MAHAL, TRUMP PLAZA
HOTEL AND TRUMP ENTERTAINMENT

757
00:47:57,720 --> 00:47:59,430
RESORTS DID.

758
00:47:59,430 --> 00:48:02,059
TRUMP WILL LEAVE RUSSIA TRYING
TO PALM OFF EASTERN UKRAINE ON

759
00:48:02,059 --> 00:48:05,500
ANGRY BOND HOLDERS AND CHINA

AUCTIONING DISTRESSED PROPERTY

760

00:48:05,500 --> 00:48:06,920
IN THE SPRATLY ISLANDS.

761

00:48:06,920 --> 00:48:09,690
HELL, THIS MAY WORK.

762

00:48:09,690 --> 00:48:11,770
NO, IT WON'T.

763

00:48:11,770 --> 00:48:14,559
THIS ELECTION, IT STINKS.

764

00:48:14,559 --> 00:48:16,280
IT STINKS AND I AM FULL OF

765

00:48:16,280 --> 00:48:17,599
RIGHTEOUS INDIGNATION.

766

00:48:17,599 --> 00:48:22,690
I'M A POLITICAL HUMORIST AND I
CAN'T BE FUNNY THAN THIS

767

00:48:22,690 --> 00:48:23,760
ELECTION.

768

00:48:23,760 --> 00:48:27,130
THIS ELECTION IS FULLY SELF-SAT
TIER RISING.

769

00:48:27,130 --> 00:48:31,090
I AM A POLITICAL COMMENTATOR AND
CAN'T GET A WORD IN EDGE WISE

770

00:48:31,090 --> 00:48:35,309
WITH TRUMP AROUND.

771

00:48:35,309 --> 00:48:41,329

I AM UNEMPLOYED.

772

00:48:41,329 --> 00:48:51,799

THANK YOU.

773

00:48:51,799 --> 00:48:59,130

[APPLAUSE]

>> THANK YOU VERY MUCH, PJ.

774

00:48:59,130 --> 00:49:02,359

SO WORD ASSOCIATION TIME EVENT
WHEN I SAY SPACE COMMUNITY

775

00:49:02,359 --> 00:49:04,790

INDICATOR, WHAT DO YOU THINK?

776

00:49:04,790 --> 00:49:05,910

LITTLE GADGET, RIGHT?

777

00:49:05,910 --> 00:49:12,480

LITTLE GADGET IN STAR TREK.

778

00:49:12,480 --> 00:49:13,880

YOU GUYS.

779

00:49:13,880 --> 00:49:17,470

WELL, WE'LL SAVE THE SPACE
COMMUNICATOR GADGET FOR THE

780

00:49:17,470 --> 00:49:22,109

23rd CENTURY FOR WE EARTH
BOUND MORT ALWAYS OF THE 21st

781

00:49:22,109 --> 00:49:26,200

CENTURY, SPACE COMMUNICATOR IS
NOT A GADGET, BUT A VERY ELITE

782

00:49:26,200 --> 00:49:27,359

CLUB.

783

00:49:27,359 --> 00:49:28,790

I HAPPEN TO BE A MEMBER.

784

00:49:28,790 --> 00:49:32,910

AND JUST FOR THE RECORD, UP
UNTIL TONIGHT, IT HAS ONLY BEEN

785

00:49:32,910 --> 00:49:36,200

BE STEROID UPON NINE RECIPIENTS.

786

00:49:36,200 --> 00:49:38,059

LET ME THINK ABOUT THIS FOR A
MOMENT.

787

00:49:38,059 --> 00:49:41,990

THERE WILL BE 30 SPACE TROPHY
AWARD WINNERS BY THE END OF THIS

788

00:49:41,990 --> 00:49:42,990

EVENING.

789

00:49:42,990 --> 00:49:47,941

AND ONLY TEN SPACE COMMUNICATORS
IN THE HISTORY OF OUR NASA, WITH

790

00:49:47,941 --> 00:49:52,800

ALL DUE RESPECT, CHARLES, I
THINK I OBTAINED YOU.

791

00:49:52,800 --> 00:49:57,910

THE TENTH MEMBER OF OUR CLUB OF
SPACE COMMUNICATORS IS A PRETTY

792

00:49:57,910 --> 00:49:59,660

SPECIAL GUY.

793

00:49:59,660 --> 00:50:02,450

HIS NAME RHYMES WITH GUY.

794

00:50:02,450 --> 00:50:05,500

AND YOU KNOW THAT STORY, RIGHT?

795

00:50:05,500 --> 00:50:09,170

TO TELL YOU MORE ABOUT HIM, WE
TURN TO MY FELLOW COMMUNICATOR,

796

00:50:09,170 --> 00:50:11,349

NUMBER FOUR FOR THOSE OF YOU
KEEPING SCORE AT HOME.

797

00:50:11,349 --> 00:50:13,670

THE MAN WHO THROWS THE BEST
PARTY ARES IN THE SPACE

798

00:50:13,670 --> 00:50:40,819

BUSINESS, PLEASE WELCOME SPACE
COMMUNICATOR ELLIOT PULHAM.

799

00:50:40,819 --> 00:50:41,819

>> THANK YOU, MILES.

800

00:50:41,819 --> 00:50:44,391

THANK YOU PJ, I REALLY
APPRECIATE WORKING WITH YOU AND

801

00:50:44,391 --> 00:50:45,391

YOUR COMMENTS.

802

00:50:45,391 --> 00:50:49,770

HOW ABOUT ONE MORE ROUND OF
APPLAUSE FOR P.J.

803

00:50:49,770 --> 00:50:51,440

O'ROURKE.

804

00:50:51,440 --> 00:50:54,300

[APPLAUSE]

>> IT IS GREAT TO BE BACK IN

805

00:50:54,300 --> 00:50:55,520

HOUSTON FOR THIS WONDERFUL
EVENT.

806

00:50:55,520 --> 00:50:58,900

IT'S ONE OF THOSE EVENTS I TRY
VERY HARD NOT TO MISS EVERY

807

00:50:58,900 --> 00:50:59,900

YEAR.

808

00:50:59,900 --> 00:51:02,550

IT'S A GREAT HOMECOMING, GREAT
OPPORTUNITY TO SEE FRIENDS AND

809

00:51:02,550 --> 00:51:05,450

AS USUALLY, RODOLFO AND YOUR
TEAM HAVE DONE A SPECTACULAR

810

00:51:05,450 --> 00:51:06,450

JOB.

811

00:51:06,450 --> 00:51:10,880

HOW ABOUT A HAND FOR OUR NASA.

812

00:51:10,880 --> 00:51:16,700

[APPLAUSE]

>> I AM VERY PRIVILEGED TO BE

813

00:51:16,700 --> 00:51:19,200

ABLE TO INTRODUCE THIS YEAR'S
AWARD WINNER.

814

00:51:19,200 --> 00:51:23,780

THIS AWARD IS OBVIOUSLY VERY
SPECIAL TO ME AND MILES AND

815

00:51:23,780 --> 00:51:27,640

THOSE WHO HAVE HAD A CHANCE TO
CARRY IT.

816

00:51:27,640 --> 00:51:32,020

BILL NYE IS SOME KIND OF SPECIAL
SPACE COMMUNICATOR.

817

00:51:32,020 --> 00:51:34,800

AND SOME KIND OF SPECIAL SCIENCE
COMMUNICATOR.

818

00:51:34,800 --> 00:51:38,000

AND HE'S BEEN DOING THIS FOR
QUITE A WHILE.

819

00:51:38,000 --> 00:51:41,830

I WON'T SAY BILL THAT YOU'RE
YEARS OLD THIS YEAR.

820

00:51:41,830 --> 00:51:45,650

MAINLY BECAUSE I'D HAVE TO GIVE
AWAY MY OWN AGE, WHICH WE DON'T

821

00:51:45,650 --> 00:51:48,069

WANT TO DO.

822

00:51:48,069 --> 00:51:50,560

BUT BILL AND I HAVE SOME
INTERESTING CONNECTIONS THAT GO

823

00:51:50,560 --> 00:51:55,180

ALL THE WAY BACK TO SEATTLE IN
THE 80s.

824

00:51:55,180 --> 00:51:58,599

WHEN WE BOTH WORKED FOR THIS
LITTLE AEROSPACE COMPANY UP

825

00:51:58,599 --> 00:52:01,570
THERE THAT USED TO BUILD
AIRPLANES AND THINGS LIKE THAT

826
00:52:01,570 --> 00:52:03,780
THINK STILL DO THAT.

827
00:52:03,780 --> 00:52:05,480
AND I WAS WORKING IN THE SPACE

828
00:52:05,480 --> 00:52:07,079
PART OF THE BUSINESS.

829
00:52:07,079 --> 00:52:13,470
AND ON OUR TELEVISION SETS, ON
THE WEEKENDS, WE USED TO GET A

830
00:52:13,470 --> 00:52:16,590
PROGRAM CALLED ALMOST LIVE.

831
00:52:16,590 --> 00:52:21,780
AND ALMOST LIVE WAS A SEATTLE
VERSION OF "SATURDAY NIGHT

832
00:52:21,780 --> 00:52:25,750
LIVE," EXCEPT THEY DIDN'T HAVE
THE BUDGET TO BE LIVE.

833
00:52:25,750 --> 00:52:31,770
AND SO IT WAS SKETCH COMEDY AND
ENSEMBLE CAST AND AT THE TIME, I

834
00:52:31,770 --> 00:52:34,660
DON'T THINK ANYONE WOULD'VE PLEA
INDICTED THAT THE MEMBER OF THAT

835
00:52:34,660 --> 00:52:38,089
CAST THAT WOULD GO ON TO THE
GREATEST CAREER AND HAVE THE

836

00:52:38,089 --> 00:52:40,990

MOST IMPACT ON OUR LIVES WOULD
BE A YOUNG MAN AT THAT TIME

837

00:52:40,990 --> 00:52:44,150

NAMED BILL NYE.

838

00:52:44,150 --> 00:52:50,310

BILL PARLAYED HIS THESPIAN
EXPERIENCE AND HIS GREAT ABILITY

839

00:52:50,310 --> 00:52:54,609

TO COMMUNICATE THROUGH A CAMERA
INTO SOMETHING THAT WE ALL KNOW

840

00:52:54,609 --> 00:52:59,790

IS NOT JUST A PROGRAM, NOT JUST
A CULTURAL PHENOMENON.

841

00:52:59,790 --> 00:53:04,210

IT IS A BRAND AND A FORCE THAT
EVEN THOUGH NO LONGER IN

842

00:53:04,210 --> 00:53:07,460

PRODUCTION, CONTINUES TO HAVE
HUGE IMPACT AROUND THE WORLD.

843

00:53:07,460 --> 00:53:10,380

AND THAT OF COURSE WAS THE
CREATION OF BILL NYE "THE

844

00:53:10,380 --> 00:53:12,710

SCIENCE GUY."

845

00:53:12,710 --> 00:53:15,980

MORE PEOPLE HAVE PROBABLY
LEARNED SCIENCE FROM BILL NYE

846

00:53:15,980 --> 00:53:20,540

THAN ANYBODY ELSE ON THE PLANET,
BECAUSE OF THAT PROGRAM.

847

00:53:20,540 --> 00:53:21,950

BILL DID NOT STOP THERE.

848

00:53:21,950 --> 00:53:25,920

I'VE HAD THE OPPORTUNITY TO WORK
WITH BILL IN A NUMBER OF FUN

849

00:53:25,920 --> 00:53:26,920

INSTANCES.

850

00:53:26,920 --> 00:53:29,780

I REMEMBER SITTING AT THE
EXPLORER'S CLUB WITH NEIL TYSON

851

00:53:29,780 --> 00:53:32,310

SITTING AROUND A MICROPHONE AND
WHAT WAS SUPPOSED TO BE A

852

00:53:32,310 --> 00:53:36,370

RECORDING OF SPACE TALK THAT WAS
REALLY MORE OF A FREE FORM

853

00:53:36,370 --> 00:53:44,930

RIPRAP ON SPACE CULTURE AND TO
HAVE HIS KNOWLEDGE AND HIS WIT

854

00:53:44,930 --> 00:53:49,060

IS QUITE A RARE COMBINATION.

855

00:53:49,060 --> 00:53:53,460

BILL HAS KEPT CURRENT WITH HIS
OUTREACH AND HIS MASTERY OF THE

856

00:53:53,460 --> 00:53:54,460

MEDIA.

857

00:53:54,460 --> 00:53:56,950
THERE'S, I DON'T THINK THERE'S A
DAY THAT GOES BY THAT YOU DON'T

858
00:53:56,950 --> 00:53:59,420
SEE BILL DOING SOMETHING OR
OTHER ON SOCIAL MEDIA.

859
00:53:59,420 --> 00:54:02,800
THIS MORNING IT WAS SOME KIND OF
DANCE THING YOU WERE DOING.

860
00:54:02,800 --> 00:54:04,880
INTERNATIONAL DANCE DAY OR
SOMETHING.

861
00:54:04,880 --> 00:54:09,240
AND WHO NIGH THAT OLD WHITE GUYS
HAD THAT KIND OF MOVES.

862
00:54:09,240 --> 00:54:12,780
BUT BILL, FANTASTIC.

863
00:54:12,780 --> 00:54:17,270
BILL HAS ALSO REALLY COME INTO
HIS OWN IN A WAY I THINK NONE OF

864
00:54:17,270 --> 00:54:21,400
US EXPECTED AS THE CEO OF THE
PLANETARY SOCIETY.

865
00:54:21,400 --> 00:54:24,960
THE PLANETARY SOCIETY IS A
TREMENDOUS ORGANIZATION AND WE

866
00:54:24,960 --> 00:54:27,860
FEEL LIKE IT'S A GREAT
COMPLEMENTARY ORGANIZATION TO

867
00:54:27,860 --> 00:54:30,530

WHAT WE DO AT THE SPACE
FOUNDATION AND WE'RE DELIGHTED

868

00:54:30,530 --> 00:54:32,559

TO WORK WITH THEM FROM TIME TO
TIME.

869

00:54:32,559 --> 00:54:36,480

ALL THROUGHOUT THE YEAR ON
DIFFERENT PROJECTS TOGETHER.

870

00:54:36,480 --> 00:54:40,390

THE PLANETARY SOCIETY HAS ALWAYS
BEEN THERE AS AN ASSET, BUT WHAT

871

00:54:40,390 --> 00:54:43,470

BILL HAS DONE WITH IT BY
BRINGING BILL NYE BRAND TO IT IS

872

00:54:43,470 --> 00:54:46,290

NOTHING SHORT OF AMAZING.

873

00:54:46,290 --> 00:54:50,030

HE HAS TAKEN THE ORGANIZATION TO
NEW HEIGHTS.

874

00:54:50,030 --> 00:54:54,109

HE HAS BECOME JUST ONE OF THE
MOST RESPECTED SPOKESPERSONS AS

875

00:54:54,109 --> 00:54:57,099

WELL AS THE MOST SOUGHT OUT
INDIVIDUALS IN OUR BUSINESS FOR

876

00:54:57,099 --> 00:54:59,900

SELFIES AS YOU NOTED DURING THE
DINNER TONIGHT.

877

00:54:59,900 --> 00:55:03,859

HE WAS BARELY ABLE TO GET A BITE

IN EDGE WISE.

878

00:55:03,859 --> 00:55:08,581

BUT A FANTASTIC ADVOCATES FOR
SPACE AND SCIENCE.

879

00:55:08,581 --> 00:55:11,780

A FANTASTIC DEFENDER OF
SCIENTIFIC PRINCIPLES AND

880

00:55:11,780 --> 00:55:13,890

SCIENTIFIC METHOD.

881

00:55:13,890 --> 00:55:15,610

SOMEBODY THAT KNOWS THE
DIFFERENT BETWEEN A FACT AND AN

882

00:55:15,610 --> 00:55:16,960

OPINION.

883

00:55:16,960 --> 00:55:19,119

AND SOMEBODY WHO IS NOT AFRAID
TO GO OUT AND TALK TO ANYBODY

884

00:55:19,119 --> 00:55:22,880

WHO NEEDS TALKING TO HAVE THEIR
ATTITUDE ADJUSTED.

885

00:55:22,880 --> 00:55:24,580

HE'S A TREMENDOUS HERO FOR US.

886

00:55:24,580 --> 00:55:28,420

AND THROUGHOUT ALL OF THAT HE'S
BEEN FRONT AND CENTER ON THE

887

00:55:28,420 --> 00:55:29,420

CAMERA.

888

00:55:29,420 --> 00:55:52,960

AND SO, IF WE COULD, I'D LIKE TO
HAVE THE SHORT VIDEO WE HAVE

889

00:55:52,960 --> 00:56:32,880

ABOUT BILL.

890

00:56:32,880 --> 00:56:33,880

∂∂

∂∂

891

00:56:33,880 --> 00:56:36,140

>> LADIES AND GENTLEMEN, PLEASE
JOIN ME IN WELCOMING YOUR 2016

892

00:56:36,140 --> 00:57:02,130

SPACE COMMUNICATOR, BILL NYE.

893

00:57:02,130 --> 00:57:11,680

[APPLAUSE]

>> THANK YOU ALL.

894

00:57:11,680 --> 00:57:12,770

THANK YOU, ELLIOT.

895

00:57:12,770 --> 00:57:13,859

MY GOODNESS.

896

00:57:13,859 --> 00:57:15,660

I'M JUST SOME GUY.

897

00:57:15,660 --> 00:57:17,020

THANK YOU.

898

00:57:17,020 --> 00:57:21,350

JUST TRYING TO CHANGE THE WORLD,
THAT'S ALL, PEOPLE.

899

00:57:21,350 --> 00:57:25,350

FOR THOSE OF YOU WHO FOR SOME

REASON ARE NOT MEMBERS OF THE

900

00:57:25,350 --> 00:57:27,900

PLANETARY SOCIETY, TAKES ALL

901

00:57:27,900 --> 00:57:32,760

KINDS TO MAKE A WORLD, I
ENCOURAGE YOU TO CHECK US OUT.

902

00:57:32,760 --> 00:57:34,650

AND WE THANK YOU SO MUCH FOR
THIS AWARD.

903

00:57:34,650 --> 00:57:35,710

THIS IS FANTASTIC.

904

00:57:35,710 --> 00:57:40,680

I -- IF YOU GUYS DON'T KNOW THE
STORY, I'M A MECHANICAL

905

00:57:40,680 --> 00:57:43,890

ENGINEER, I MEAN I'M HUMAN.

906

00:57:43,890 --> 00:57:46,619

[LAUGHTER]

>> MECHANICAL ENGINEER.

907

00:57:46,619 --> 00:57:49,420

I GOT IT NOW WHERE I HAVE THE
SLACK THAT IS REACH THE FLOOR.

908

00:57:49,420 --> 00:57:53,710

BUT THERE WAS A LONG TIME WHERE
THEY DIDN'T.

909

00:57:53,710 --> 00:57:58,549

SO I COMPLETED MY REQUIREMENTS,
AS YOU MAY KNOW, I WENT TO

910

00:57:58,549 --> 00:57:59,549

CORNELL UNIVERSITY.

911

00:57:59,549 --> 00:58:06,630

AND THAT WAS THE RESULT OF SOME
REMARKABLE CLERICAL ERROR IN THE

912

00:58:06,630 --> 00:58:08,900

ADMISSIONS OFFICE.

913

00:58:08,900 --> 00:58:13,540

BUT I FINISHED, SO I TOOK ONE
CLASS FROM CARL SAGAN.

914

00:58:13,540 --> 00:58:16,859

AND IT CHANGED MY LIFE AMOUNT OF
CARL SAGAN SPOKE ELOQUENTLY

915

00:58:16,859 --> 00:58:19,670

ABOUT SPACE TRAVEL BEING VERY

916

00:58:19,670 --> 00:58:24,980

MUCH LIKE OUR PREDECESSORS, OUR
ANCESTORS WHO SAILED ON THE

917

00:58:24,980 --> 00:58:27,200

OCEAN, TRACKLESS OCEAN.

918

00:58:27,200 --> 00:58:30,430

FOUND THEIR WAY AROUND THEIR
ENTIRE WORLD, JUST AS WE ARE

919

00:58:30,430 --> 00:58:33,060

JUST DIPPING OUR TOE IN THE
COSMIC OCEAN.

920

00:58:33,060 --> 00:58:38,230

AND SO, HE STARTED THE PLANETARY
SOCIETY IN 1980.

921

00:58:38,230 --> 00:58:44,040

I GOT, I SEE SOME YOUNG PEOPLE
HERE, I GOT A LETTER IN THE

922

00:58:44,040 --> 00:58:46,349

MAIL, I DON'T KNOW IF YOU'VE
SEEN THESE.

923

00:58:46,349 --> 00:58:51,640

IT WAS -- CAN YOU STORE
INFORMATION OUTSIDE OF YOUR BODY

924

00:58:51,640 --> 00:58:55,210

ON THESE SHEETS, THEY WERE MADE
FROM WOOD FIBERS.

925

00:58:55,210 --> 00:58:59,589

WAS A LONG TIME AGO.

926

00:58:59,589 --> 00:59:01,109

I'VE BEEN A MEMBER EVER SINCE.

927

00:59:01,109 --> 00:59:06,760

THEN I GOT ON THE BOARD OF
DIRECTORS AND NOW I'M CEO OF THE

928

00:59:06,760 --> 00:59:07,760

PLANETARY SOCIETY.

929

00:59:07,760 --> 00:59:11,299

AND WAY LIKE TO SAY WE DO IS
ADVANCE SPACE SCIENCE AND

930

00:59:11,299 --> 00:59:12,670

EXPLORATION.

931

00:59:12,670 --> 00:59:17,240

WE WANT EVERYONE IN THE WORLD TO
KNOW THE COSMOS AND OUR PLACE

932

00:59:17,240 --> 00:59:19,690

WITHIN IT.

933

00:59:19,690 --> 00:59:23,690

EVERYONE HAS BEEN AFFECTED BY
SPACE EXPLORATION.

934

00:59:23,690 --> 00:59:27,290

FIRST OF ALL, EVERYBODY HERE IS
WEARING CLOTHES THAT WERE

935

00:59:27,290 --> 00:59:29,970

PROBABLY MANUFACTURED ELSEWHERE.

936

00:59:29,970 --> 00:59:33,819

AND IT IS ONLY THROUGH OUR
ABILITY TO NAVIGATE THE SEAS

937

00:59:33,819 --> 00:59:37,650

BETWEEN CONTINENT THAT IS WE
HAVE INTERNATIONAL COMMERCE.

938

00:59:37,650 --> 00:59:41,221

BUT IT IS NOW TO THE POINT WHERE
IF THE WEATHER REPORT ARE IS OFF

939

00:59:41,221 --> 00:59:43,780

20 MINUTES, EVERYBODY STARTS
COMPLAINING.

940

00:59:43,780 --> 00:59:46,970

AND MOST OF US CANNOT DETERMINE
WHICH SIDE OF THE STREET WE'RE

941

00:59:46,970 --> 00:59:51,329

ON WITHOUT LOOKING AT OUR PHONES
TO MAKE SURE WHERE WE ARE.

942

00:59:51,329 --> 00:59:54,579
THAT IS ALL THE RESULT OF SPACE
EXPLORATION.

943
00:59:54,579 --> 00:59:58,180
BUT IN THE BIGGER PICTURE, WE
ARE LIVING AT AN EXTRAORDINARY

944
01:00:02,059 --> 00:59:59,180
TIME.

945
01:00:02,059 --> 01:00:07,030
IT IS VERY REASONABLE THAT IN
THE COMING YEARS, SOMEONE WILL

946
01:00:07,030 --> 01:00:12,720
GET CLOSE ENOUGH TO SOMETHING ON
MARS OR EUROPA, THE MOON OF

947
01:00:12,720 --> 01:00:15,660
JUPITER WITH TWICE AS MUCH
SEAWATER AS THE EARTH.

948
01:00:15,660 --> 01:00:18,319
TO DETERMINE WHETHER OR NOT
THERE IS SOMETHING ALIVE THERE.

949
01:00:18,319 --> 01:00:23,162
NOW I GOT A MESSAGE TODAY FROM A
MEMBER OF OUR BOARD.

950
01:00:23,162 --> 01:00:25,339
I GUESS I CAN SAY HIS NAME,
SCOTT HUBBARD, WHO WAS ONE TIME

951
01:00:25,339 --> 01:00:27,980
CONSIDERED THE MARS CZAR.

952
01:00:27,980 --> 01:00:32,020
AND HE REPORTED THAT IT IS BASED

ON CAMERA OBSERVATION FROM THE

953

01:00:32,020 --> 01:00:37,950

MARS RECONNAISSANCE ORBITER,
THAT THERE IS A RECURRING SLOPE

954

01:00:37,950 --> 01:00:43,640

LINEA, AN RSL, A RIVULET, A
LITTLE FLOW OF WATER ON MARS.

955

01:00:43,640 --> 01:00:47,380

THAT IS WITHIN REACH OF THE
CURIOSITY ROVER.

956

01:00:47,380 --> 01:00:51,160

THE CURIOSITY ROVER IS PART OF
THE ROVER PROGRAM WHICH INCLUDES

957

01:00:51,160 --> 01:00:53,390

SPIRIT AND OPPORTUNITY.

958

01:00:53,390 --> 01:00:56,220

SO ALL IN THAT PROGRAM, CHARLES,
YOU CAN CORRECT ME, BUT IT'S

959

01:00:56,220 --> 01:00:59,410

RIGHT AROUND TWO AND A HALF
BILLION DOLLARS.

960

01:00:59,410 --> 01:01:00,940

THREE ROVERS ON MARS.

961

01:01:00,940 --> 01:01:04,390

AND THEY'RE NOT EVEN LOCKED.

962

01:01:04,390 --> 01:01:07,880

ANYBODY COULD JUST WALK UP TO
THESE THINGS.

963

01:01:07,880 --> 01:01:11,240
[LAUGHTER]
>> I DON'T KNOW, I DON'T KNOW

964
01:01:11,240 --> 01:01:12,240
WHAT THEY DO.

965
01:01:12,240 --> 01:01:21,130
SO EVERYBODY, THE LASER INDUCED
BREAK DOWN SPECTROMETER, WHICH

966
01:01:21,130 --> 01:01:26,440
IS, WILL ZAP THE WATER IF WE CAN
GET CLOSE ENOUGH, AND DETERMINE

967
01:01:26,440 --> 01:01:28,730
WHETHER OR NOT THESE THINGS THAT
APPEAR TO BE WATER REALLY ARE

968
01:01:28,730 --> 01:01:31,329
AND DETERMINE THE CHEMICAL
COMPOSITION.

969
01:01:31,329 --> 01:01:36,059
EVERYBODY, EVERYWHERE ON EARTH
THAT WE FIND WATER, EVERYWHERE

970
01:01:36,059 --> 01:01:39,490
ON EARTH, WE FIND SOMETHING
ALIVE.

971
01:01:39,490 --> 01:01:41,569
AND IT IS MY CLAIM THAT IF WE

972
01:01:41,569 --> 01:01:45,760
WERE TO FIND EVIDENCE OF LIFE,
OR STRANGER STILL, SOMETHING

973
01:01:45,760 --> 01:01:50,350
STILL ALIVE ON MARS, IT WOULD

CHANGE THE COURSE OF HUMAN

974

01:01:50,350 --> 01:01:51,490

HISTORY.

975

01:01:51,490 --> 01:01:54,320

IT WOULD CHANGE THE WAY EACH AND
EVERY ONE OF US FEELS ABOUT WHAT

976

01:01:54,320 --> 01:01:58,710

IT MEANS TO BE A LIVING THING IN
THE UNIVERSE, IN THE COSMOS.

977

01:01:58,710 --> 01:02:02,440

I'M NOT SAYING EVERYTHING WOULD
CHANGE, LIKE WE WOULDN'T START

978

01:02:02,440 --> 01:02:06,119

LIKE DRIVING ON THE LEFT IN
TEXAS.

979

01:02:06,119 --> 01:02:09,040

BUT IT WOULD CHANGE THE WAY
EVERYBODY FEELS ABOUT BEING

980

01:02:09,040 --> 01:02:11,109

ALIVE HERE IN THE YOU'VE.

981

01:02:11,109 --> 01:02:12,109

UNANIMOUS.

982

01:02:12,109 --> 01:02:14,830

THIS WOULD BE EXTRAORDINARY.

983

01:02:14,830 --> 01:02:19,720

PJ, THANKS TO THE TIP OF THE
HATS TO THE PLANETARY SOCIETY.

984

01:02:19,720 --> 01:02:23,339

LIKE TO SAY WE DO THREE THINGS,
WE EDUCATE.

985

01:02:23,339 --> 01:02:24,450

WE CREATE.

986

01:02:24,450 --> 01:02:26,390

WE HAD OUR OWN SPACECRAFT.

987

01:02:26,390 --> 01:02:27,900

WE FLEW A SOLAR SAIL LAST

988

01:02:27,900 --> 01:02:31,619

SUMMER, 39 YEARS AFTER CARL
SAYING BEGAN WAS TALKING ABOUT

989

01:02:31,619 --> 01:02:34,510

IN IT CLASS, AT CORNELL.

990

01:02:34,510 --> 01:02:35,510

VERY PROUD OF THAT.

991

01:02:35,510 --> 01:02:37,800

AND THIRD THING WE DO IS
ADVOCATE.

992

01:02:37,800 --> 01:02:42,569

WE GO ESPECIALLY TO THE U.S., IN
A LIMITED EXTENT WE GO TO

993

01:02:42,569 --> 01:02:44,190

INFLUENCE PEOPLE IN OTHER PARTS
OF THE WORLD.

994

01:02:44,190 --> 01:02:48,000

BUT ESPECIALLY IN THE U.S.
THE BUDGET FOR PLANETARY

995

01:02:48,000 --> 01:02:51,690

SCIENCE, EVERYBODY, IS ONE AND A
HALF BILLION DOLLARS A YEAR.

996

01:02:51,690 --> 01:02:54,750
THAT'S A CUP OF COFFEE PER
TAXPAYER.

997

01:02:54,750 --> 01:02:55,750
IT'S NOTHING.

998

01:02:55,750 --> 01:02:58,330
AND THIS IS WHERE WE MAKE THESE
EXTRAORDINARY DISCOVERY THAT I

999

01:02:58,330 --> 01:03:01,610
CLAIM COULD CHANGE THE COURSE OF
HUMAN HISTORY.

1000

01:03:01,610 --> 01:03:07,470
ALONG THIS LINE, THIS CURIOSITY
ROVER MAY GET REALLY CLOSE TO

1001

01:03:07,470 --> 01:03:08,880
FINDING EVIDENCE OF LIFE.

1002

01:03:08,880 --> 01:03:11,430
THE 020 ROVER WILL GET CLOSER.

1003

01:03:11,430 --> 01:03:14,150
IN THE MEANTIME, THERE'S A
MISSION GOING AROUND JUPITER

1004

01:03:14,150 --> 01:03:15,890
THIS SUMMER, JUNO.

1005

01:03:15,890 --> 01:03:21,319
DON'T WANT TO SHOCK YOU, BUT
JUNO IS NOT AN ACRONYM.

1006

01:03:21,319 --> 01:03:24,869

[LAUGHTER]

>> IT'S NAMED AFTER THIS GUY'S

1007

01:03:24,869 --> 01:03:26,390

WIFE.

1008

01:03:26,390 --> 01:03:29,430

ANCIENT GUY.

1009

01:03:29,430 --> 01:03:30,950

JUPITER.

1010

01:03:30,950 --> 01:03:34,609

WE ARE NOW WORKING HARD, WE
PROPOSE THAT YOU COULD HAVE, WE

1011

01:03:34,609 --> 01:03:40,630

COULD HAVE HUMANS IN ORBIT
AROUND MARS IN 2033.

1012

01:03:40,630 --> 01:03:43,160

WITHOUT INCREASING THE NASA
BUDGET.

1013

01:03:43,160 --> 01:03:45,520

IF YOU JUST DECIDED TO DO IT.

1014

01:03:45,520 --> 01:03:49,790

AND SO WE DO THIS BECAUSE
PEOPLE, OUR CITIZENS WANT THIS.

1015

01:03:49,790 --> 01:03:51,890

WE HAVE 46,000 MEMBERS AROUND
THE WORLD.

1016

01:03:51,890 --> 01:03:55,920

WE'RE GROWING BECAUSE EVERYBODY
IS INTERESTED IN SPACE.

1017

01:03:55,920 --> 01:03:59,539

EVERYBODY WANTS TO KNOW THESE
ANSWERS TO THE TWO DEEP, DEEP

1018

01:03:59,539 --> 01:04:01,309

QUESTIONS.

1019

01:04:01,309 --> 01:04:03,859

WHERE DID WE ALL COME FROM?

1020

01:04:03,859 --> 01:04:06,660

AND ARE WE ALONE IN THE
UNIVERSE?

1021

01:04:06,660 --> 01:04:09,740

AND IF YOU WANT TO ANSWER THOSE
QUESTIONS, WE HAVE TO EXPLORE

1022

01:04:09,740 --> 01:04:10,790

SPACE.

1023

01:04:10,790 --> 01:04:18,380

AND WHEN WE SEND MISSIONS TO
MERCURY, AND MARS, AND JUPITER,

1024

01:04:18,380 --> 01:04:22,670

AND PLUTO, PEOPLE SAY QUITE
OFTEN WELL, WHAT ARE YOU GOING

1025

01:04:22,670 --> 01:04:23,750

TO FIND THERE?

1026

01:04:23,750 --> 01:04:26,920

WHY ARE YOU SENDING THOSE
MISSIONS?

1027

01:04:26,920 --> 01:04:29,400

THE ANSWER IS PRETTY
STRAIGHTFORWARD.

1028

01:04:29,400 --> 01:04:33,599

WE DON'T KNOW WHAT WE'RE GOING
TO FIND, THAT'S WHY WE'RE GOING.

1029

01:04:33,599 --> 01:04:37,430

[LAUGHTER]

>> AND SO, THE OTHER JUST

1030

01:04:37,430 --> 01:04:41,410

REMARKABLE THING ABOUT SPEAKING
TO YOU TONIGHT IS, WE ARE LIVING

1031

01:04:41,410 --> 01:04:44,950

AT THIS TIME WHERE MORE AND MORE
YOUNG PEOPLE ARE ENGAGED IN

1032

01:04:44,950 --> 01:04:46,359

SPACE.

1033

01:04:46,359 --> 01:04:51,609

MORE AND MORE COMPANIES, PRIVATE
COMPANIES ARE SERVING TO LOWER

1034

01:04:51,609 --> 01:04:53,340

THE COST OF SPACE EXPLORATION.

1035

01:04:53,340 --> 01:04:55,849

SO THAT MORE AND MORE OF US CAN
PARTICIPATE.

1036

01:04:55,849 --> 01:04:59,440

MY GOODNESS, SpaceX CLAIMS
YOU'RE GOING TO LAND A

1037

01:04:59,440 --> 01:05:02,960

SPACECRAFT ON MARS IN 2018,
RIGHT ON.

1038

01:05:02,960 --> 01:05:04,599

WAY TO GO.

1039

01:05:04,599 --> 01:05:08,630

BLUE ORIGIN KEEPING A LOW
PROFILE BUT THAT VIDEO LOOKS

1040

01:05:08,630 --> 01:05:13,099

LIKE A GCI, COMPUTER GENERATED
IMAGING.

1041

01:05:13,099 --> 01:05:15,520

AND SIERRA, NEVADA, IT JUST
LOOKS COOL.

1042

01:05:15,520 --> 01:05:18,140

C'MON, IT JUST LOOKS COOL.

1043

01:05:18,140 --> 01:05:22,540

SO THIS EXTRAORDINARY TIME WHERE
GOVERNMENT AND PRIVATE SICK

1044

01:05:22,540 --> 01:05:24,289

TORRES IS WORKING TOGETHER
PRIVATE SECTORS WORKING TOGETHER

1045

01:05:24,289 --> 01:05:25,799

TO ADVANCE SPACE EXPLORATION.

1046

01:05:25,799 --> 01:05:31,210

WILL ENRICH THE LIVES ON
EVERYONE ON EARTH.

1047

01:05:31,210 --> 01:05:33,069

IT IS WITH YOUR SUPPORT HERE AT

1048

01:05:33,069 --> 01:05:38,789

OUR NASA THAT RNASA, I AM DEEPLY
HONORED TO RECEIVE THIS AWARD.

1049

01:05:38,789 --> 01:05:42,650

I HOPE IN COMING YEARS AND
DECADES WE WILL MAKE THESE

1050

01:05:42,650 --> 01:05:48,790

EXTRAORDINARY DISCOVERY, EVEN ON
MARS OR EUROPA, TWICE AS MONTH

1051

01:05:48,790 --> 01:05:50,510

SEAWATER AS THE TERRITORY.

1052

01:05:50,510 --> 01:05:57,569

ARE THERE EUROPEAN FISH PEOPLE
SWIMMING AROUND?

1053

01:05:57,569 --> 01:06:01,640

AND THERE'S THESE FISSURES,
THESE CRACKS IN THE ICE ON THE

1054

01:06:01,640 --> 01:06:09,210

SURFACE OF EUROPA.

1055

01:06:09,210 --> 01:06:11,619

ARE THERE LIVING THINGS UNDER
THE ICE AND DO THEY ONCE IN A

1056

01:06:11,619 --> 01:06:15,980

WHILE GET SHOT OUT THROUGH THESE
GUISERS?

1057

01:06:15,980 --> 01:06:19,690

DO THEY HAVE THESE GRIM JOKES ON
EUROPA?

1058

01:06:19,690 --> 01:06:22,410

I SURE HOPE I DON'T GET NEAR ONE
OF THOSE FISSURES.

1059

01:06:22,410 --> 01:06:27,880

WOULDN'T IT BE AN EXTRAORDINARY
THING TO DISCOVER SOMETHING OR

1060

01:06:27,880 --> 01:06:30,090

EVIDENCE OF SOMETHING ALIVE
THERE?

1061

01:06:30,090 --> 01:06:32,140

WE'RE LIVING AT PERHAPS THE MOST

1062

01:06:32,140 --> 01:06:35,770

EXCITING NAME HUMAN HISTORY,
WITH THE ADVANCE OF TECHNOLOGY

1063

01:06:35,770 --> 01:06:40,530

AND THE DISCOVERY OF THE NATURE
OF OUR WORLD COMPARED TO OTHER

1064

01:06:40,530 --> 01:06:41,530

WORLDS.

1065

01:06:41,530 --> 01:06:44,569

IT WAS CARL SAGAN WHO USED THE
EXPRESSION COMPARATIVE

1066

01:06:44,569 --> 01:06:46,130

CLIMATOLOGY.

1067

01:06:46,130 --> 01:06:50,160

WHEN YOU LOOK AT VENOUS, IT
REFLECTS HALF SUNLIGHT INTO

1068

01:06:50,160 --> 01:06:53,869

SPACE, YET IT'S EXTRAORDINARILY
HOT BECAUSE OF THE GREEN HOUSE

1069

01:06:53,869 --> 01:06:55,109

EFFECT.

1070

01:06:55,109 --> 01:06:58,800
YOU LOOK AT MARS, IT'S NOT BIG
ENOUGH APPARENTLY TO HAVE ENOUGH

1071
01:06:58,800 --> 01:07:02,060
OF A MAGNETIC FIELD TO RETAIN AN
ATMOSPHERE.

1072
01:07:02,060 --> 01:07:05,109
NOW WHEN I WAS A LITTLE KID WITH
A COMPASS AND SOMEBODY SAID THE

1073
01:07:05,109 --> 01:07:08,610
REASON THIS COMPASS POINTS NORTH
IS THE SAME REASON YOU CAN

1074
01:07:08,610 --> 01:07:12,210
BREATHE, I WOULD'VE THOUGHT THAT
WAS EXTRAORDINARY.

1075
01:07:12,210 --> 01:07:15,710
AND THOSE DISCOVERIES WERE MADE
JUST BY ADVANCING SPACE SCIENCE

1076
01:07:15,710 --> 01:07:17,400
AND EXPLORATION.

1077
01:07:17,400 --> 01:07:21,240
SO THANK YOU RNASA, WORKING
TOGETHER WE CAN, DARE I SAY IT,

1078
01:07:21,240 --> 01:07:23,329
CHANGE THE WORLD.

1079
01:07:23,329 --> 01:07:25,920
THANK YOU VERY MUCH.

1080
01:07:25,920 --> 01:07:36,859
[APPLAUSE]
>> CHECK US OUT AT

1081

01:07:36,859 --> 01:07:39,039

PLANETARY.ORG.

1082

01:07:39,039 --> 01:07:44,920

[APPLAUSE]

>> THERE'S A LOT OF GRAVITY UP

1083

01:07:44,920 --> 01:07:48,210

HERE.

1084

01:07:48,210 --> 01:07:51,300

GOOD LUCK WITH THE TSA ON THAT.

1085

01:07:51,300 --> 01:07:56,950

SO, AS A FORMER ANCHORMAN, I AM
COMPLETELY COMFORTABLE ACCEPTING

1086

01:07:56,950 --> 01:07:59,860

A LOT OF CREDIT AND COMPLIMENTS
FOR THINGS I HAD NOTHING TO DO

1087

01:07:59,860 --> 01:08:01,390

WITH.

1088

01:08:01,390 --> 01:08:03,309

A LOT OF ASTRONAUTS CAN RELATE
TO THIS, I THINK.

1089

01:08:03,309 --> 01:08:04,750

DON'T YOU THINK?

1090

01:08:04,750 --> 01:08:08,200

YOU ARE MY FRIENDS, I LOVE YOU.

1091

01:08:08,200 --> 01:08:09,339

DON'T WORRY.

1092

01:08:09,339 --> 01:08:11,280
BUT WE HAVE THIS THING.

1093
01:08:11,280 --> 01:08:15,040
THE TRUTH IS, WE ARE NOTHING
WITHOUT OUR RESPECTIVE TEAMS AND

1094
01:08:15,040 --> 01:08:18,969
IT'S NICE EVERY NOW AND THEN TO
ACTUALLY SHARE SOME OF THE

1095
01:08:18,969 --> 01:08:20,790
CREDIT WITH THEM.

1096
01:08:20,790 --> 01:08:22,750
THOSE WHO ARE NOT IN THE
LIMELIGHT.

1097
01:08:22,750 --> 01:08:26,140
SO LET'S DO THAT RIGHT NOW SO WE
CAN GET BACK TO BEING OUR

1098
01:08:26,140 --> 01:08:28,609
NARCISSISTIC SELVES LATER.

1099
01:08:28,609 --> 01:08:31,719
I'M TALKING ABOUT THE STELLAR
AWARDS, OF COURSE.

1100
01:08:31,719 --> 01:08:35,830
THIS YEAR THERE WERE 104
INDIVIDUALS AND 34 TEAMS.

1101
01:08:35,830 --> 01:08:39,699
A TOTAL OF 138 NOMINATIONS FROM
16 DIFFERENT STATES.

1102
01:08:39,699 --> 01:08:42,989
THE DISTRICT AND 25 DIFFERENT
ORGANIZATIONS FROM ACROSS

1103

01:08:42,989 --> 01:08:45,799

INDUSTRY, NASA AND DOD.

1104

01:08:45,799 --> 01:08:48,920

WE WANT TO THANK OUR STELLAR
RANKING TEAM.

1105

01:08:48,920 --> 01:08:49,980

THEY HAD A HARD JOB.

1106

01:08:49,980 --> 01:08:50,980

DR.

1107

01:08:50,980 --> 01:08:52,920

GLYNN LUNNEY, ARNIE
ALDRIDGE, COLONEL EILEEN

1108

01:08:52,920 --> 01:08:55,449

COLLINS, CAPTAIN MICHAEL COATS,
GIVE THEM A QUICK ROUND OF

1109

01:08:55,449 --> 01:09:00,560

APPLAUSE BECAUSE THAT'S A LOT OF

1110

01:09:00,560 --> 01:09:01,560

WORK.

1111

01:09:01,560 --> 01:09:03,009

[APPLAUSE]

THEY HAD TO RANK THE CANDIDATES

1112

01:09:03,009 --> 01:09:05,659

AND WHILE ONLY A FEW CAN BE
WINNERS, THEY'RE ALL OUTSTANDING

1113

01:09:05,659 --> 01:09:07,390

IN THEIR WORK.

1114

01:09:07,390 --> 01:09:10,589

IF YOU SEE THEM WITH THE RIBBON,
BLUE RIBBON, I BELIEVE, PLEASE

1115

01:09:10,589 --> 01:09:11,589

RECOGNIZE THEM.

1116

01:09:11,589 --> 01:09:12,620

GIVE THEM A BIG HUG.

1117

01:09:12,620 --> 01:09:13,940

GIVE THEM A WET KILLS.

1118

01:09:13,940 --> 01:09:17,130

TELL THEM WE LOVE THE FACT
YOU'RE DOING THE SPACE THING.

1119

01:09:17,130 --> 01:09:19,120

SO WITHOUT FURTHER ADO, LET'S
BRING UP A COUPLE OF THOSE

1120

01:09:19,120 --> 01:09:21,860

NARCISSISTIC BLUE SCYTHE
SUITERS.

1121

01:09:21,860 --> 01:09:24,310

I PROMISE THEY WON'T TALK ABOUT
THEMSELVES.

1122

01:09:24,310 --> 01:09:28,490

THEY WILL TALK ABOUT THESE
WONDERFUL RECIPIENTS.

1123

01:09:28,490 --> 01:09:31,190

ONE OF THEM IS AN AIR FORCE
OFFICER, A MISSION SPECIALIST, A

1124

01:09:31,190 --> 01:09:37,540

SPACEWALKER AND A VETERAN OF SDS

110, 122, 135, COLONEL REX

1125

01:09:37,540 --> 01:09:44,440

WALHEIM AND A VETERAN OF SDS
121, 120, 131, STEPHANIE WILSON.

1126

01:09:44,440 --> 01:09:54,760

GIVE THEM BOTH A WARM ROUND OF
APPLAUSE.

1127

01:09:54,760 --> 01:10:20,820

[APPLAUSE]

>> GOOD EVENING, LADIES AND

1128

01:10:20,820 --> 01:10:21,820

GENTLEMEN.

1129

01:10:21,820 --> 01:10:24,219

IT IS INDEED AN HONOR FOR BOTH
OF US TO BE HERE TONIGHT TO HELP

1130

01:10:24,219 --> 01:10:25,719

PRESENT THE STELLAR AWARDS.

1131

01:10:25,719 --> 01:10:27,830

>> STEPHANIE, IT IS A SPECIAL
HONOR TO SHARE WITH THIS YOU,

1132

01:10:27,830 --> 01:10:33,170

ONE OF MY CLASSMATES OF 1996,
AFFECTIONATELY KNOWN AS THE

1133

01:10:33,170 --> 01:10:35,190

SARDINES.

1134

01:10:35,190 --> 01:10:41,050

>> AND AS YOU KNOW, WE ARE
CURRENTLY IN THE MIDDLE OF THIS

1135

01:10:41,050 --> 01:10:44,640
SELECTION PROCESS FOR A NEW
GLASS OF ASTRONAUTS, GROUP 22.

1136
01:10:44,640 --> 01:10:48,590
WE RECEIVED OVER 1000
APPLICATIONS FOR THIS NEW CLASS.

1137
01:10:48,590 --> 01:10:51,560
>> YES, 18,000 APPLICATIONS IS
PRETTY IMPRESSIVE.

1138
01:10:51,560 --> 01:10:55,450
BUT BACK TO OUR CLASS TWO
DECADES AGO, WE HAD 19

1139
01:10:55,450 --> 01:10:56,450
APPLICANTS.

1140
01:10:56,450 --> 01:10:59,200
[LAUGHTER]
>> NO, I THOUGHT WE HAD MORE

1141
01:10:59,200 --> 01:11:00,200
THAN THAT.

1142
01:11:00,200 --> 01:11:02,010
AT LEAST TWO OR 3000.

1143
01:11:02,010 --> 01:11:04,510
>> THAT'S WHAT THEY WANT YOU TO
BELIEVE.

1144
01:11:04,510 --> 01:11:07,699
>> WE HAD 35 NASA SLOTS IN OUR
CLASS, SO YOU MEAN TO SAY THAT

1145
01:11:07,699 --> 01:11:11,090
DWAYNE ROSS, THE ASTRONAUT
SELECTION OFFICE HAD TO GO OUT

1146

01:11:11,090 --> 01:11:14,409

AND TWIST SOME ARMS TO GATHER
PEOPLE TO JOIN OUR CLASS?

1147

01:11:14,409 --> 01:11:15,600

>> YEP, THAT'S WHAT HAPPENED.

1148

01:11:15,600 --> 01:11:19,039

REMEMBER THAT RECRUITING TRIP HE
TOOK TO THE MALL?

1149

01:11:19,039 --> 01:11:20,670

[LAUGHTER]

>> REMEMBER THAT ONE GUY WHO

1150

01:11:20,670 --> 01:11:23,480

TOLD TWAIN, STOP BUGGING ME, I
DON'T WANT TO BE AN ASTRONAUT.

1151

01:11:23,480 --> 01:11:27,610

>> WELL, REGARDLESS OF HOW WE
CAME TO BE ASTRONAUTS, WHICH IS

1152

01:11:27,610 --> 01:11:30,980

MYSTERY TO ALL OF US, I THINK
OUR CLASS IS PRETTY SPECIAL AS

1153

01:11:30,980 --> 01:11:32,301

ARE ALL OF THE CLASSES AND I

1154

01:11:32,301 --> 01:11:33,989

KNOW THE NEW CLASS WILL BE AS
WELL.

1155

01:11:33,989 --> 01:11:36,520

THERE ARE OTHER PEOPLE SPECIAL
HERE TONIGHT WHO HAVE

1156

01:11:36,520 --> 01:11:38,820
ACCOMPLISHED GREAT THINGS IN
THEIR OWN RIGHT.

1157
01:11:38,820 --> 01:11:42,250
I THINK IT IS TIME WE TURN OUR
ATTENTION TO THEM, OUR STELLAR

1158
01:11:42,250 --> 01:11:43,250
AWARD WINNERS.

1159
01:11:43,250 --> 01:11:46,330
>> I AGREE, AS ASTRONAUTS WE
KNOW FIRSSTHAND THE SAFETY AND

1160
01:11:46,330 --> 01:11:49,110
SUCCESS OF OUR MISSION ARE DUE
TO EXCEPTIONAL PEOPLE WHO GO

1161
01:11:49,110 --> 01:11:52,260
ABOVE AND BEYOND TO MAKE THEM
THAT WAY.

1162
01:11:52,260 --> 01:11:55,180
STELLAR NOMINEES TRULY REPRESENT
THE BEST IN OUR NATION'S SPACE

1163
01:11:55,180 --> 01:11:56,249
PROGRAM.

1164
01:11:56,249 --> 01:11:58,949
>> STELLAR AWARDS ARE IMPORTANT
BECAUSE THEY HONOR THOSE WHO

1165
01:11:58,949 --> 01:12:01,250
OFTEN WORK BEHIND THE SCENES AND
WHOSE CAREERS AND

1166
01:12:01,250 --> 01:12:04,020
ACCOMPLISHMENTS MAY NOT BE AS

VISIBLE AS OTHERS.

1167

01:12:04,020 --> 01:12:05,590

A PANEL OF EXPERTS REVIEW THE

1168

01:12:05,590 --> 01:12:08,270

NOMINEES' BACKGROUNDS AND
ACCOMPLISHMENTS TO DETERMINE THE

1169

01:12:08,270 --> 01:12:10,480

SIGNIFICANCE OF THEIR
CONTRIBUTIONS TO OUR SPACE

1170

01:12:10,480 --> 01:12:11,530

PROGRAM.

1171

01:12:11,530 --> 01:12:14,640

THE BREAD AND SCOPE OF THE
NOMINEE'S WORK IS TRULY AMAZING

1172

01:12:14,640 --> 01:12:18,159

AND PROOF POSITIVE WE HAVE A
WEALTH OF UNUSUALLY BRIGHT AND

1173

01:12:18,159 --> 01:12:21,730

TALENTED PEOPLE WORKING TO
ENSURE THAT THE SPACE PROGRAM

1174

01:12:21,730 --> 01:12:25,070

HAS A VERY PROMISING FUTURE.

1175

01:12:25,070 --> 01:12:28,080

>> TAKES DEDICATION EFFORT OF
THOUSANDS TO GET US INTO SPACE.

1176

01:12:28,080 --> 01:12:30,520

THESE NOMINEES PRESENT THE BEST
OF OUR BEST.

1177

01:12:30,520 --> 01:12:32,940
WITHOUT THE CONTRIBUTIONS OF ALL
THESE FOLKS INVOLVED IN THE

1178
01:12:32,940 --> 01:12:36,710
SPACE PROGRAM AND PARTICULARLY
THE STELLAR NOMINEES, WE HONOR

1179
01:12:36,710 --> 01:12:38,710
TONIGHT, IT WOULD BE IMPOSSIBLE
TO ENSURE A STRONG SPACE

1180
01:12:38,710 --> 01:12:39,739
PROGRAM.

1181
01:12:39,739 --> 01:12:42,411
>> AT THIS TIME, WE WOULD LIKE
TO RECOGNIZE THE STELLAR AWARD

1182
01:12:42,411 --> 01:12:45,540
NOMINEES BY ASKING ALL OF THEM
TO STAND.

1183
01:12:45,540 --> 01:12:47,830
PLEASE JOIN US IN
CONGRATULATIONS ALL THE NOMINEES

1184
01:12:47,830 --> 01:13:10,370
WOULD A HARDY ROUND OF APPLAUSE.

1185
01:13:10,370 --> 01:13:14,280
>> ALL THE NOMINEES ARE WEARING
BLUE RIBBONS THIS EVENING.

1186
01:13:14,280 --> 01:13:17,790
>> WE WILL PRESENT THE AWARDS IN
FOUR CATEGORIES.

1187
01:13:17,790 --> 01:13:20,670
WE WILL ASK ALL THE WINNERS IN

EACH CATEGORY TO COME TO THE

1188

01:13:20,670 --> 01:13:23,150

STAGE TOGETHER TO RECEIVE THEIR
AWARDS.

1189

01:13:23,150 --> 01:13:26,159

NAMES WILL BE CALLED IN NO
PARTICULAR ORDER.

1190

01:13:26,159 --> 01:13:29,219

>> WE ARE PRESENTING AWARDS IN
THE EARLY CAREER, MID CAREER AND

1191

01:13:29,219 --> 01:13:31,330

LATE CAREER AND TEAM CATEGORIES.

1192

01:13:31,330 --> 01:13:33,690

WITHIN EACH OF THESE GROUPS
NOMINATIONS WERE SOLICITED FROM

1193

01:13:33,690 --> 01:13:36,920

ACROSS THE SPACE INDUSTRY FOR
NOMINEES INVOLVED IN GOVERNMENT

1194

01:13:36,920 --> 01:13:39,570

AND CORPORATE PROGRAMS AS WELL
AS THOSE INVOLVED IN HUMAN AND

1195

01:13:39,570 --> 01:13:40,699

UNMANNED SPACE FLIGHT

1196

01:13:40,699 --> 01:13:41,820

ACTIVITIES.

1197

01:13:41,820 --> 01:13:44,630

>> AS MUCH AS WE WOULD LIKE, WE
ARE SORRY TO SAY WE WILL NOT

1198

01:13:44,630 --> 01:13:46,840
HAVE TIME FOR EACH WINNER TO
MAKE REMARKS.

1199
01:13:46,840 --> 01:13:49,360
SHALL WE GET STARTED?

1200
01:13:49,360 --> 01:13:51,250
>> YES, WE SHOULD.

1201
01:13:51,250 --> 01:13:54,300
>> OUR FIRST STELLAR AWARD WILL
GO TO THOSE IN THE EARLY STAGES

1202
01:13:54,300 --> 01:13:55,780
OF THEIR CAREERS.

1203
01:13:55,780 --> 01:13:56,949
SIX WINNERS IN THIS CATEGORY.

1204
01:13:56,949 --> 01:13:59,590
SELECTED FROM A FIELD OF 28
CANDIDATES.

1205
01:13:59,590 --> 01:14:01,300
AS I CALL THE NAMES OF THE
WINNERS IN EARLY CAREER

1206
01:14:01,300 --> 01:14:03,960
CATEGORY, I'D LIKE THEM TO JOIN
US AT THE FOOT OF THE STAGE.

1207
01:14:03,960 --> 01:14:09,630
PLEASE HOLD YOUR APPLAUSE UNTIL
ALL WINNERS HAVE BEEN ANNOUNCED.

1208
01:14:09,630 --> 01:14:13,780
SARAH BALDWIN OF AEROJET
ROCKETDYNE, ALAN KIM OF THE

1209
01:14:13,780 --> 01:14:15,080
BOEING COMPANY, DR.

1210
01:14:15,080 --> 01:14:17,321
BRIEN
FLEWELLING OF THE US AIR FORCE

1211
01:14:17,321 --> 01:14:22,719
RESEARCH LABORATORY, CORA TREACY
OF UTC AEROSPACE SYSTEMS, KIRIL

1212
01:14:22,719 --> 01:14:25,720
DONTCHEV OF SpaceX, AND
ANTHONY COOK OF THE BOEING

1213
01:14:25,720 --> 01:14:43,099
COMPANY.

1214
01:14:43,099 --> 01:15:02,010
[APPLAUSE]
>> FIRST AWARD GOES TO SARAH

1215
01:15:02,010 --> 01:15:07,940
BALDWIN OF AEROJET ROCKETDYNE.

1216
01:15:07,940 --> 01:15:22,739
[APPLAUSE]
>> ALAN KIM OF THE BOEING

1217
01:15:22,739 --> 01:15:25,460
COMPANY IS RECOGNIZED FOR
DEMONSTRATING ENGINEERING

1218
01:15:25,460 --> 01:15:29,480
EXCELLENCE SOLVING DIFFICULT
CHALLENGES FOR THE SPACE LAUNCH

1219
01:15:29,480 --> 01:15:33,860
SYSTEM.

1220

01:15:33,860 --> 01:15:42,620

[APPLAUSE]

>> DR.

1221

01:15:42,620 --> 01:15:44,880

BRIAN FLEWELLING OF THE
UNITED STATES AIR FORCE RESEARCH

1222

01:15:44,880 --> 01:15:48,120

LABORATORY RECOGNIZED FOR
OUTSTANDING CONTRIBUTIONS TO

1223

01:15:48,120 --> 01:15:51,580

LARGE IMAGE PROCESSING AND
COMPUTER VISION APPLIED TO SPACE

1224

01:15:51,580 --> 01:15:57,370

OBJECTS DETECTION, TRACKING,
IDENTIFICATION AND

1225

01:15:57,370 --> 01:16:00,830

CHARACTERIZATION.

1226

01:16:00,830 --> 01:16:06,110

[APPLAUSE]

>> CORA TREACY OF UTC AEROSPACE

1227

01:16:06,110 --> 01:16:09,659

SYSTEMS, MANAGEMENT
EFFECTIVENESS AND SUPPORT OF THE

1228

01:16:09,659 --> 01:16:13,320

EATCS, ECLSS AND REGENERATIVE
ECLSS ON BOARD THE INTERNATIONAL

1229

01:16:13,320 --> 01:16:14,360

SPACE STATION.

1230

01:16:14,360 --> 01:16:16,300
UNFORTUNATELY, CORA CAN'T BE
WITH US TONIGHT.

1231
01:16:16,300 --> 01:16:22,150
WE'LL MAKE SURE SHE RECEIVES HER
AWARD.

1232
01:16:22,150 --> 01:16:27,890
[APPLAUSE]
>> TEACO DONTCHEV OF SpaceX

1233
01:16:27,890 --> 01:16:31,170
FOR EXCEPTIONAL LEADERSHIP
OVERSEEING THE PAD ABORT TEST OF

1234
01:16:31,170 --> 01:16:38,280
THE CREW DRAGON SPACECRAFT'S
INTEGRATED LAUNCH ABORT SYSTEM.

1235
01:16:38,280 --> 01:16:44,230
[APPLAUSE]
>> THE FINAL EARLY CAREER AWARD

1236
01:16:44,230 --> 01:16:47,070
GOES TO ANTHONY COOK OF THE
BOEING COMPANY, OUTSTANDING

1237
01:16:47,070 --> 01:16:49,770
LEADERSHIP AND TECHNICAL
CONTRIBUTIONS TO DEVELOPMENT,

1238
01:16:49,770 --> 01:16:53,140
IMPLEMENTATION AND DELIVERY OF
NEW ISS NITROGEN OXYGEN RESUPPLY

1239
01:16:53,140 --> 01:17:00,230
SYSTEM COMPATIBLE WITH MULTIPLE
LAUNCH SYSTEMS.

1240

01:17:00,230 --> 01:17:06,101
[APPLAUSE]
>> LADIES AND GENTLEMEN, PLEASE

1241
01:17:06,101 --> 01:17:08,470
JOIN US IN CONGRATULATING ALL OF
THE STELLAR WINNERS IN THE EARLY

1242
01:17:08,470 --> 01:17:33,480
CAREER CATEGORY.

1243
01:17:33,480 --> 01:17:59,570
[APPLAUSE]
>> WE HAVE EIGHT WINNERS IN THE

1244
01:17:59,570 --> 01:18:03,239
MID CAREER CATEGORY SELECTED
FROM A FIELD OF 45 CANDIDATES.

1245
01:18:03,239 --> 01:18:05,960
I WOULD LIKE TO INVITE TO THE
FOOT OF THE STAGE LESLIE

1246
01:18:05,960 --> 01:18:08,190
ROBERTSON OF THE BOEING COMPANY.

1247
01:18:08,190 --> 01:18:10,460
BRUCE SOMMER OF LOCKHEED MARTIN.

1248
01:18:10,460 --> 01:18:13,960
JUDITH BLACKWELL THOMPSON OF THE
NASA KENNEDY SPACE CENTER.

1249
01:18:13,960 --> 01:18:16,120
ANTHONY DICELLO OF THE BOEING
COMPANY.

1250
01:18:16,120 --> 01:18:19,750
LORRAINE PROKOP OF THE JOHNSON
SPACE CENTER.

1251

01:18:19,750 --> 01:18:21,830

PAUL CONNOLLY OF PRATT AND
WHITNEY.

1252

01:18:21,830 --> 01:18:25,850

LIEUTENANT COLONEL ELENBAUM OF
THE UNITED STATES AIR FORCE.

1253

01:18:25,850 --> 01:18:37,500

AND SHEILA SHARP OF THE BOEING
COMPANY.

1254

01:18:37,500 --> 01:18:58,810

[APPLAUSE]

>> LESLIE ROBERTSON OF THE

1255

01:18:58,810 --> 01:19:03,270

BOEING COMPANY IS RECOGNIZED FOR
OUTSTANDING TECHNICAL EMERGENCY

1256

01:19:03,270 --> 01:19:06,060

AND INGENUITY IN THE DEVELOPMENT
AND DEPLOYMENT OF COMPILER,

1257

01:19:06,060 --> 01:19:09,480

PATCH AND REVIEW TOOLS FOR THE
ISS PROGRAM, INCLUDING TRAINING

1258

01:19:09,480 --> 01:19:16,510

AND SUPPORT ACROSS ISS SOFTWARE
DEVELOPMENT TEAMS.

1259

01:19:16,510 --> 01:19:21,940

[APPLAUSE]

>> BRUCE SOMMER OF LOCKHEED

1260

01:19:21,940 --> 01:19:24,780

MARTIN IS RECOGNIZED FOR
OUTSTANDING HUMAN SPACE FLIGHT

1261

01:19:24,780 --> 01:19:30,010

CONTRIBUTIONS FOR IMPROVING ISS
AND ORION CREW SAFETY AND

1262

01:19:30,010 --> 01:19:36,810

ENSURING MISSION SUCCESS.

1263

01:19:36,810 --> 01:19:45,679

[APPLAUSE]

>> JUDITH BLACKWELL THOMPSON IS

1264

01:19:45,679 --> 01:19:48,370

RECOGNIZED FOR EXEMPLARY
LEADERSHIP AND SUSTAINED

1265

01:19:48,370 --> 01:19:51,670

CONTRIBUTIONS TO MANNED SPACE
FLIGHT LAUNCH PLANNING AND

1266

01:19:51,670 --> 01:19:52,670

EXECUTION.

1267

01:19:52,670 --> 01:19:54,460

UNFORTUNATELY, JUDITH CANNOT BE

1268

01:19:54,460 --> 01:19:57,480

WITH US HERE TONIGHT BUT WE WILL
MAKE SURE SHE RECEIVES HER

1269

01:19:57,480 --> 01:20:01,070

AWARD.

1270

01:20:01,070 --> 01:20:06,010

[APPLAUSE]

>> ANTHONY DICELLO OF THE BOEING

1271

01:20:06,010 --> 01:20:08,719

COMPANY IS RECOGNIZED FOR

EXCEPTIONAL LEADERSHIP

1272

01:20:08,719 --> 01:20:12,260

CONTRIBUTIONS OF THE DEVELOPMENT
OF THE FIRST TWO INTERNATIONAL

1273

01:20:12,260 --> 01:20:15,360

DOCKING ADAPTERS WHICH WILL
ADAPT THE INTERNATIONAL SPACE

1274

01:20:15,360 --> 01:20:18,590

STATION FOR DOCKING BY THE NEXT
GENERATION OF COMMERCIAL CREW

1275

01:20:18,590 --> 01:20:22,300

TRANSPORTATION SYSTEMS.

1276

01:20:22,300 --> 01:20:30,610

[APPLAUSE]

>> LORRAINE PROKOP IS RECOGNIZED

1277

01:20:30,610 --> 01:20:34,840

FOR PIONEERING CONTRIBUTIONS TO
AEROSPACE SOFTWARE ENGINEERING,

1278

01:20:34,840 --> 01:20:38,150

INCLUDING SIGNIFICANT ADVANCES
AND HUMAN SPACE FLIGHT SOFTWARE

1279

01:20:38,150 --> 01:20:41,989

AFFORDABILITY.

1280

01:20:41,989 --> 01:20:50,590

[APPLAUSE]

>> PAUL CONNOLLY OF PRATT AND

1281

01:20:50,590 --> 01:20:54,290

WHITNEY IS RECOGNIZED FOR
OUTSTANDING CONTRIBUTIONS TO

1282

01:20:54,290 --> 01:20:59,670

UNDERSTANDING THE ORSC CYCLE AND
ITS OPERATION IN THE RD-180

1283

01:20:59,670 --> 01:21:04,780

ROCKET ENGINE.

1284

01:21:04,780 --> 01:21:11,580

[APPLAUSE]

>> LIEUTENANT COLONEL ELENBAUM

1285

01:21:11,580 --> 01:21:15,060

OF THE UNITED STATES AIR FORCE
IS RECOGNIZED FOR EXCEPTIONAL

1286

01:21:15,060 --> 01:21:18,980

CONTRIBUTIONS TO THE SPACE BASED
INFRARED SYSTEMS PROGRAM,

1287

01:21:18,980 --> 01:21:22,020

REDUCING SATELLITE PRODUCTION
COSTS OVER ONE BILLION DOLLARS.

1288

01:21:22,020 --> 01:21:29,239

THE LIEUTENANT COLONEL COULD NOT
BE WITH US HERE TONIGHT.

1289

01:21:29,239 --> 01:21:32,760

[APPLAUSE]

>> AND THE FINAL MID CAREER

1290

01:21:32,760 --> 01:21:35,940

AWARD GOES TO SHEILA SHARP OF
THE BOEING COMPANY FOR

1291

01:21:35,940 --> 01:21:39,210

OUTSTANDING ACCOMPLISHMENTS IN
THE LEADERSHIP MENTORSHIP AND

1292

01:21:39,210 --> 01:21:42,170
DEVELOPMENT OF CRITICAL TEAMS IN
THE DEFINITION DESIGN AND

1293

01:21:42,170 --> 01:21:45,480
INTEGRATION OF PROGRAM
REQUIREMENTS AND RESOLUTION

1294

01:21:45,480 --> 01:21:53,010
RESOLVING PROGRESS, COMPLIANCE
AND OVERALL PERFORMANCE.

1295

01:21:53,010 --> 01:21:58,211
[APPLAUSE]
>> LADIES AND GENTLEMEN, PLEASE

1296

01:21:58,211 --> 01:22:19,350
CONGRATULATE ALL THE WINNERS IN
THE MID CAREER CATEGORY.

1297

01:22:19,350 --> 01:22:39,239
[APPLAUSE]
>> THE FINAL INDIVIDUAL AWARDS

1298

01:22:39,239 --> 01:22:42,780
THIS EVENING GO TO THOSE IN THE
LATE CAREER CATEGORY.

1299

01:22:42,780 --> 01:22:44,060
NOW WAIT A MINUTE.

1300

01:22:44,060 --> 01:22:46,000
THE LATE CAREER CATEGORY?

1301

01:22:46,000 --> 01:22:47,360
WHAT ARE THEY TRYING TO SAY
THERE, STEPHANIE?

1302

01:22:47,360 --> 01:22:50,860
AS A MATTER OF FACT, HOW LONG

HAS IT BEEN SINCE OUR ASTRONAUT

1303

01:22:50,860 --> 01:22:53,489

CLASS HAS BEEN AT THE NASA
THOMPSON SPACE CENTER?

1304

01:22:53,489 --> 01:22:54,489

>> COUPLE DECADES.

1305

01:22:54,489 --> 01:22:57,739

IN FACT, THIS YEAR IS OUR
20th ANNIVERSARY.

1306

01:22:57,739 --> 01:22:58,929

>> THAT'S A LONG TIME.

1307

01:22:58,929 --> 01:23:02,360

>> DO YOU THINK THAT MAKES US
LATE CAREER ASTRONAUTS?

1308

01:23:02,360 --> 01:23:05,050

>> WELL, IT MIGHT.

1309

01:23:05,050 --> 01:23:06,260

BUT WE'RE STILL CONTRIBUTING.

1310

01:23:06,260 --> 01:23:08,179

TAKE, FOR EXAMPLE, FELLOW

1311

01:23:08,179 --> 01:23:11,300

SARDINE SCOTT KELLY.

1312

01:23:11,300 --> 01:23:12,860

>> WHAT ABOUT JEFF WILLIAMS?

1313

01:23:12,860 --> 01:23:14,960

>> HE'S ON THE SPACE STATION AS
WE SPEAK.

1314

01:23:14,960 --> 01:23:18,860

>> STEPH, DID YOU NOTICE CHARLIE
BOLDEN WAS LAUGHING WHEN WE SAID

1315

01:23:18,860 --> 01:23:21,389

WE ARE PART OF THE LATE CAREER
ASTRONAUTS?

1316

01:23:21,389 --> 01:23:24,360

>> I MIGHT HAVE, YES.

1317

01:23:24,360 --> 01:23:26,510

>> I THINK WE'D BETTER NOT TELL
HIM THE NAME OF THE CATEGORY

1318

01:23:26,510 --> 01:23:31,070

HE'S IN THOUGH.

1319

01:23:31,070 --> 01:23:36,110

[LAUGHTER]

>> THE FOLKS IN THIS LATE

1320

01:23:36,110 --> 01:23:38,900

CATEGORY ARE DEFINITELY STILL
CONTRIBUTING.

1321

01:23:38,900 --> 01:23:42,130

AS A MATTER OF FACT, WHEN YOU
THINK ABOUT IT, THEY LAID THE

1322

01:23:42,130 --> 01:23:44,980

FOUNDATION UPON WHICH ALL THE
BEST OF OUR SUCCESSES ARE BUILT.

1323

01:23:44,980 --> 01:23:48,900

FOR THAT REASON, TONIGHT I THINK
WE SHOULD CALL THIS CATEGORY THE

1324

01:23:48,900 --> 01:23:51,300

PILLARS OF THE SPACE PROGRAM.

1325

01:23:51,300 --> 01:23:55,469

>> I AGREE.

1326

01:23:55,469 --> 01:23:59,650

[APPLAUSE]

1327

01:23:59,650 --> 01:24:02,460

>> OF THE 30 NOMINEES RECEIVED
IN THIS CATEGORY, WE HAVE FIVE

1328

01:24:02,460 --> 01:24:03,460

WINNERS.

1329

01:24:03,460 --> 01:24:05,210

I'D LIKE TO INVITE THEM ALL TO
THE FOOT OF THE STAGE AS THEIR

1330

01:24:05,210 --> 01:24:08,370

NAMES ARE CALLED.

1331

01:24:08,370 --> 01:24:11,450

MARK CRAIG OF SAIC.

1332

01:24:11,450 --> 01:24:14,090

DR.

1333

01:24:14,090 --> 01:24:19,210

GEOFFREY LANDIS OF NASA
GLENN RESEARCH CENTER.

1334

01:24:19,210 --> 01:24:22,370

LAWRENCE PRICE OF LOCKHEED
MARTIN.

1335

01:24:22,370 --> 01:24:30,530

GEORGE DICKEY ARNDT OF JOHNSON
SPACE CENTER.

1336

01:24:30,530 --> 01:24:46,000

ROBERT BRAZIER OF AEROJET
ROCKETDYNE.

1337

01:24:46,000 --> 01:25:01,880

[APPLAUSE]

>> MARK CRAIG OF SAIC IS

1338

01:25:01,880 --> 01:25:04,550

RECOGNIZED FOR OUTSTANDING
CAREER OF SERVICE TO NASA

1339

01:25:04,550 --> 01:25:07,550

DEDICATED TO IMPROVING THE VALUE
OF HUMAN SPACE EXPLORATION

1340

01:25:07,550 --> 01:25:22,989

SPANNING APOLLO, SPACE SHUTTLE,
SPACE STATION AND BEYOND.

1341

01:25:22,989 --> 01:25:35,840

[APPLAUSE]

>> DR.

1342

01:25:35,840 --> 01:25:36,860

GEOFFREY LANDIS OF NASA

1343

01:25:36,860 --> 01:25:39,190

GLENN RESEARCH CENTER IS
RECOGNIZED FOR EXCEPTIONAL

1344

01:25:39,190 --> 01:25:41,440

TECHNICAL ACHIEVEMENTS AND
LEADERSHIP IN DEVELOPING

1345

01:25:41,440 --> 01:25:44,690

PHOTOVOLTAIC POWER SYSTEMS AND
ADVANCED CONCEPTS IN SUPPORT OF

1346

01:25:44,690 --> 01:25:51,760

NASA MISSIONS.

1347

01:25:51,760 --> 01:25:59,210

[APPLAUSE]

LAWRENCE PRICE OF LOCKHEED

1348

01:25:59,210 --> 01:26:01,460

MARTIN IS RECOGNIZED FOR
OUTSTANDING LEADERSHIP,

1349

01:26:01,460 --> 01:26:04,150

INTERNATIONAL COOPERATION TO
TAKE THE ORION PROGRAM FROM

1350

01:26:04,150 --> 01:26:06,900

DEVELOPMENT TO SPACE FLIGHT
VEHICLE FOR NASA'S HUMAN

1351

01:26:06,900 --> 01:26:11,260

EXPLORATION MISSION.

1352

01:26:11,260 --> 01:26:20,080

[APPLAUSE]

>> GEORGE DICKEY ARNDT OF

1353

01:26:20,080 --> 01:26:23,760

JOHNSON SPACE CENTER RECOGNIZED
FOR OUTSTANDING DEDICATION TO

1354

01:26:23,760 --> 01:26:32,630

ELECTROMAGNETIC TECHNOLOGY
DEVELOPMENT.

1355

01:26:32,630 --> 01:26:41,840

[APPLAUSE]

>> THE FINAL PILLAR OF THE SPACE

1356

01:26:41,840 --> 01:26:43,639

PROGRAM AWARD GOES TO ROBERT

1357

01:26:43,639 --> 01:26:47,400

BRAZIER IN RECOGNITION OF
INVALUABLE CONTRIBUTIONS AND

1358

01:26:47,400 --> 01:26:50,320

LEADERSHIP IN THE PROTECTION --
PRODUCTION OF LIQUID ROCKET

1359

01:26:50,320 --> 01:26:53,420

PROPULSION IN SUPPORT OF THE
ADVANCEMENT OF AMERICA'S SPACE

1360

01:26:53,420 --> 01:26:58,320

PROGRAM.

1361

01:26:58,320 --> 01:27:03,670

[APPLAUSE]

>> PLEASE JOIN ME IN

1362

01:27:03,670 --> 01:27:06,810

CONGRATULATING ALL THE WINNERS
AND I PRESENT TO YOU THE PILLARS

1363

01:27:06,810 --> 01:27:25,550

OF THE SPACE PROGRAM.

1364

01:27:25,550 --> 01:27:44,791

[APPLAUSE]

>>> THE FINAL STELLAR AWARD

1365

01:27:44,791 --> 01:27:46,730

CATEGORY IS THE TEAM AWARDS.

1366

01:27:46,730 --> 01:27:49,790

THIS YEAR THE FOUNDATION
RECEIVED 34 NOMINATIONS IN THIS

1367

01:27:49,790 --> 01:27:52,410
CATEGORY.
7 WINNERS WERE SELECTED FROM

1368
01:27:52,410 --> 01:27:54,489
THIS VERY HIGH QUALITY LIST.

1369
01:27:54,489 --> 01:27:56,810
I WOULD LIKE TO ASK THE TEAM
REPRESENTATIVES FOR THE

1370
01:27:56,810 --> 01:28:00,190
FOLLOWING TEAMS TO COME FORWARD
TO BE RECOGNIZED.

1371
01:28:00,190 --> 01:28:02,200
EFT ONE ORION AEROJET ROCKETDYNE

1372
01:28:02,200 --> 01:28:04,290
PROPULSION TEAM.

1373
01:28:04,290 --> 01:28:08,710
PENDULUM TEAM OF NASA JOHNSON
SPACE CENTER.

1374
01:28:08,710 --> 01:28:15,360
SAM HUNT RESOLUTION TEAM OF UTC
AEROSPACE SYSTEMS.

1375
01:28:15,360 --> 01:28:18,310
INTERNATIONAL SPACE STATION
HARDWARE RECOVERY TEAM FOR

1376
01:28:18,310 --> 01:28:21,530
LAUNCH ON HTV5 OF THE BOEING
COMPANY.

1377
01:28:21,530 --> 01:28:24,630
AUTOMATED NAVIGATION AND
GUIDANCE EXPERIMENT FOR LOCAL

1378

01:28:24,630 --> 01:28:29,131

SPACE, AKA ANGELS, PROGRAM TEAM
OF THE UNITED STATES AIR FORCE

1379

01:28:29,131 --> 01:28:30,909

RESEARCH LABORATORY.

1380

01:28:30,909 --> 01:28:36,610

OA4 RETURN TO FLIGHT TEAM OF
ORBITAL ACK AND ORION EM-1

1381

01:28:36,610 --> 01:28:42,290

CRITICAL DESIGN REVIEW TEAM OF
LOCKHEED MARTIN.

1382

01:28:42,290 --> 01:29:00,600

[APPLAUSE]

>> THE EFT ONE ORION'S

1383

01:29:00,600 --> 01:29:05,969

PROPULSION TEAM OF AEROJET
ROCKETDYNE RECOGNIZED FOR

1384

01:29:05,969 --> 01:29:09,260

DEDICATION AND ATTENTION TO
DETAIL DURING DEVELOPMENT,

1385

01:29:09,260 --> 01:29:10,840

PRODUCTION, FLIGHT READINESS AND

1386

01:29:10,840 --> 01:29:15,469

FLIGHT RESULTING IN SIGNIFICANT
ACHIEVEMENT ON ORION EFT-1 AND

1387

01:29:15,469 --> 01:29:19,010

PAVING THE WAY FOR ADVANCED
FUTURE SPACE ACTIVITIES,

1388

01:29:19,010 --> 01:29:24,650
ACCEPTING FOR THE TEAM IS JANIE
CUEVA.

1389
01:29:24,650 --> 01:29:30,090
[APPLAUSE]
>> THE PENDULUM TEAM OF NASA

1390
01:29:30,090 --> 01:29:33,150
JOHNSON SPACE CENTER IS
RECOGNIZED FOR OUTSTANDING TEAM

1391
01:29:33,150 --> 01:29:37,280
EFFORT IN MITIGATING THE ORION
PENDULUM MOTION ANOMALY.

1392
01:29:37,280 --> 01:29:44,139
ACCEPTING FOR THE TEAM IS
YASMINE ALI.

1393
01:29:44,139 --> 01:29:50,760
[APPLAUSE]
>> THE FAN SEPARATOR BOEING

1394
01:29:50,760 --> 01:29:55,430
CORROSION ANOMALY RESOLUTION
TEAM OF UTC AEROSPACE SYSTEMS IS

1395
01:29:55,430 --> 01:29:58,739
RECOGNIZED FOR OUTSTANDING
ACHIEVEMENT AND PREPARATION FOR

1396
01:29:58,739 --> 01:30:03,260
AND EXECUTION OF A CONTINGENCY
EVA TO ELIMINATE AN AMMONIA LEAK

1397
01:30:03,260 --> 01:30:06,030
THAT JEOPARDIZED THE
INTERNATIONAL SPACE STATION.

1398

01:30:06,030 --> 01:30:07,219
ACCEPTING FOR THE TEAM IS

1399
01:30:07,219 --> 01:30:12,289
CAROLYN JURNA.

1400
01:30:12,289 --> 01:30:17,739
[APPLAUSE]
>> THE INTERNATIONAL SPACE

1401
01:30:17,739 --> 01:30:21,790
STATION HARDWARE RECOVERY TEAM
FOR LAUNCH ON HDV5 OF THE BOEING

1402
01:30:21,790 --> 01:30:25,690
COMPANY IS RECOGNIZED FOR
QUICKLY ACCELERATING,

1403
01:30:25,690 --> 01:30:29,090
MANUFACTURE AND TEST OF HARDWARE
AND REBUILDING SEVERAL CRITICAL

1404
01:30:29,090 --> 01:30:33,290
HARDWARE ITEMS FOR ON-TIME
DELIVERY TO MEET THE HDV5 LAUNCH

1405
01:30:33,290 --> 01:30:36,990
SUPPORTED ON OVER OPERATIONS AND
SUPPORT OF CREW HEALTH AND

1406
01:30:36,990 --> 01:30:37,990
SAFETY.

1407
01:30:37,990 --> 01:30:43,060
ACCEPTING FOR THE TEAM IS DEBBY
SHARP.

1408
01:30:43,060 --> 01:30:48,210
[APPLAUSE]
>> THE AUTOMATED NAVIGATION AND

1409

01:30:48,210 --> 01:30:51,969

GUIDANCE EXPERIMENT FOR LOCAL
SPACE PROGRAM TEAM OF THE AIR

1410

01:30:51,969 --> 01:30:55,659

FORCE RESEARCH LABORATORY IS
RECOGNIZED FOR OUTSTANDING TEAM

1411

01:30:55,659 --> 01:30:59,219

ACHIEVEMENT AND EVOLVING THE AIR
FORCE'S ABILITY TO RESPONSIBLY

1412

01:30:59,219 --> 01:31:01,050

PERFORM SPACE SITUATION

1413

01:31:01,050 --> 01:31:02,690

AWARENESS MISSIONS.

1414

01:31:02,690 --> 01:31:11,590

ACCEPTING FOR THE TEAM IS TORRY
DUNKIN.

1415

01:31:11,590 --> 01:31:14,870

>> THE OA 4 RETURN TO FLIGHT
TEAM OF ORBITAL ATK IS

1416

01:31:14,870 --> 01:31:17,179

RECOGNIZED FOR OUTSTANDING
TECHNICAL AND MANAGEMENT

1417

01:31:17,179 --> 01:31:21,830

EXCELLENCE AND PROVIDING TIMELY
REINSTATEMENT OF CARGO RESUPPLY

1418

01:31:21,830 --> 01:31:24,010

SERVICES TO THE ISS.

1419

01:31:24,010 --> 01:31:34,120

ACCEPTING FOR THE TEAM IS ANDREW

>>

1420

01:31:34,120 --> 01:31:37,469

THIS EVENING'S FINAL TEAM
AWARD, RECOGNIZES THE ORION

1421

01:31:37,469 --> 01:31:41,080

EM-1, CRITICAL DESIGN REVIEW
TEAM OF LOCKHEED MARTIN FOR

1422

01:31:41,080 --> 01:31:45,030

EXCELLENCE IN PREPARATION,
EXECUTION AND FOLLOW-THROUGH OF

1423

01:31:45,030 --> 01:31:48,300

THE ORION EXPLORATION MISSION
CRITICAL DESIGN REVIEW THAT

1424

01:31:48,300 --> 01:31:51,890

RESULTED IN NASA'S AUTHORIZATION
TO PROCEED TO SPACECRAFT

1425

01:31:51,890 --> 01:31:53,139

PRODUCTION.

1426

01:31:53,139 --> 01:31:58,710

ACCEPTING FOR THE TEAM IS BRIAN
JONES.

1427

01:31:58,710 --> 01:32:02,640

[APPLAUSE]

1428

01:32:02,640 --> 01:32:05,219

>> PLEASE JOIN US AS WE
CONGRATULATE ALL THE WINNERS IN

1429

01:32:05,219 --> 01:32:27,230

THE TEAM CATEGORY.

1430

01:32:27,230 --> 01:32:50,100

[APPLAUSE]

>> LADIES AND GENTLEMEN, I THINK

1431

01:32:50,100 --> 01:32:52,560

YOU WILL ALL AGREE THAT

TONIGHT'S STELLAR AWARD WINNERS

1432

01:32:52,560 --> 01:32:55,840

REPRESENT THE VERY BEST OF THE

THOUSANDS OF PEOPLE WORKING IN

1433

01:32:55,840 --> 01:32:56,840

OUR SPACE PROGRAM.

1434

01:32:56,840 --> 01:32:59,470

>> YES, STEPHANIE, WE CAN TRULY

BE PROUD OF ALL THE STELLAR

1435

01:32:59,470 --> 01:33:03,449

AWARD WINNERS AND GIVE US HOPE

FOR THE FUTURE.

1436

01:33:03,449 --> 01:33:10,610

>> THANK YOU VERY MUCH.

1437

01:33:10,610 --> 01:33:18,280

[APPLAUSE]

>>> THAT LATE CAREER THING,

1438

01:33:18,280 --> 01:33:19,400

ALWAYS WONDERED ABOUT THAT.

1439

01:33:19,400 --> 01:33:21,950

I DIDN'T KNOW I WAS LATE CAREER

TILL THEY CALLED ME INTO THE

1440

01:33:21,950 --> 01:33:23,659

OFFICE AND DUMPED ME AT CNN.

1441

01:33:23,659 --> 01:33:29,050

IT'S ALWAYS LATER THAN YOU
THINK, FLIGHT HERE'S TO KNOWING

1442

01:33:29,050 --> 01:33:32,090

IT'S LATE CAREER AND EMBRACING
IT, RIGHT?

1443

01:33:32,090 --> 01:33:35,740

GO LATE CAREER GUYS, GO LATE
CAREER GUYS.

1444

01:33:35,740 --> 01:33:38,550

LET'S TALK ABOUT THE SPACE
TROPHY NOW.

1445

01:33:38,550 --> 01:33:43,610

IT'S NO SPACE COMMUNICATOR AWARD
BUT IT'S PRETTY GOOD.

1446

01:33:43,610 --> 01:33:47,489

THAT FIRST DINNER IN 1987 AT THE
WAFFLE HOUSE, THE WINNER WAS ONE

1447

01:33:47,489 --> 01:33:49,699

OF THE GREAT GIANTS OF THIS
BUSINESS, DR.

1448

01:33:49,699 --> 01:33:50,780

MAXINE FAJE.

1449

01:33:50,780 --> 01:33:53,760

HE'S SOMEWHERE IN THE ROOM HERE.

1450

01:33:53,760 --> 01:33:57,910

[APPLAUSE]

>> I'VE SAID BEFORE, KIND OF

1451

01:33:57,910 --> 01:34:00,989
WENT DOWNHILL AFTER THAT BUT
THAT'S NOT FAIR TO OUR OTHER

1452
01:34:00,989 --> 01:34:01,989
AWARDEES.

1453
01:34:01,989 --> 01:34:04,850
BUT ILLUSTRIOUS LIST OF
ENGINEERS, ASTRONAUTS,

1454
01:34:04,850 --> 01:34:07,970
POLITICIANS, ADMINISTRATORS AND
FLIGHT DIRECTORS HAVE FOLD.

1455
01:34:07,970 --> 01:34:11,630
THE TROPHY PRESENTED EACH YEAR
TO THE U.S. CITIZEN WHO HAS

1456
01:34:11,630 --> 01:34:15,190
JUDGE IT BY HIS OR HER PEERS,
HAS MADE THE MOST SIGNIFICANT

1457
01:34:15,190 --> 01:34:16,580
CONTRIBUTION TO THE U.S. SPACE

1458
01:34:16,580 --> 01:34:17,950
PROGRAM.

1459
01:34:17,950 --> 01:34:20,960
RECIPIENT IS SELECT IT BY A VOTE
OF THE FOUNDATION'S BOARD OF

1460
01:34:20,960 --> 01:34:22,180
ADVISORIES.

1461
01:34:22,180 --> 01:34:25,560
THE VOTES ARE TAB LATED BY AN
INDEPENDENT ACCOUNTING FIRM.

1462

01:34:25,560 --> 01:34:29,230

SAME GUYS WHO WORK FOR GOLDMAN
SUCCESS, SO PLEASE HANG ON TO

1463

01:34:29,230 --> 01:34:31,870

YOUR WALLETS.

1464

01:34:31,870 --> 01:34:35,190

I'M GETTING WORD FROM OUR
PRODUCER.

1465

01:34:35,190 --> 01:34:37,520

I THINK WE HAVE A LIVE SIGNAL
COMING IN.

1466

01:34:37,520 --> 01:34:39,790

IS THERE SOMETHING COMING IN?

1467

01:34:39,790 --> 01:34:42,480

LET'S GO TO SPACE, SHALL WE?

1468

01:34:42,480 --> 01:34:45,550

>> GREETINGS TO EVERYONE AT THE
RNASA CELEBRATION.

1469

01:34:45,550 --> 01:34:46,860

CONGRATULATIONS TO YOU,
DR.

1470

01:34:46,860 --> 01:34:49,270

ELACHI, FOR RECEIVING THE
NATIONAL SPACE TROPHY FOR YOUR

1471

01:34:49,270 --> 01:34:53,010

MANY CONTRIBUTIONS TO SPACE
EXPLORATION.

1472

01:34:53,010 --> 01:34:55,250

I STILL REMEMBER WHEN MY

ASTRONAUT CANDIDATE CLASS

1473

01:34:55,250 --> 01:34:56,900

VISITING JPL.

1474

01:34:56,900 --> 01:34:59,500

WE WERE SO IMPRESSED BY THE
AMAZING THINGS THAT WERE GOING

1475

01:34:59,500 --> 01:35:00,630

ON THERE AT THE TIME.

1476

01:35:00,630 --> 01:35:04,350

AND WE KNOW THIS GREAT WORK IS
STILL CONTINUING TODAY.

1477

01:35:04,350 --> 01:35:07,409

SO AGAIN, CONGRATULATIONS FOR
RECEIVING THIS VERY PRESTIGIOUS

1478

01:35:07,409 --> 01:35:10,780

AWARD AND VERY WELL DESERVED
HONOR.

1479

01:35:10,780 --> 01:35:13,710

ALSO CONGRATULATIONS TO BILL
NYE, AND ALL THE STELLAR

1480

01:35:13,710 --> 01:35:14,710

NOMINEES.

1481

01:35:14,710 --> 01:35:18,369

I WON'T SAY WISH I WAS THERE
BECAUSE I AM PERFECTLY HAPPY TO

1482

01:35:18,369 --> 01:35:22,860

BE RIGHT HERE ON THE
INTERNATIONAL SPACE STATION.

1483

01:35:22,860 --> 01:35:25,630
WOULD LIKE TO GIVE YOU A SPECIAL
THANKS TO ALL OF YOU THERE THAT

1484
01:35:25,630 --> 01:35:27,739
MAKE OUR MISSION HERE POSSIBLE.

1485
01:35:27,739 --> 01:35:32,350
SO I HOPE YOU ALL HAVE FUN AND
HAVE A GREAT NIGHT.

1486
01:35:32,350 --> 01:35:37,230
[APPLAUSE]
>> TO BESTOW THE HONORS, IS MY

1487
01:35:37,230 --> 01:35:42,250
GREAT PLEASURE TO INTRODUCE THE
2014 SPACE TROPHY AWARDEE, HE'S

1488
01:35:42,250 --> 01:35:45,360
A DECORATED MARINE FIGHTER
PILOT, SEASONED SPACE SHUTTLE

1489
01:35:45,360 --> 01:35:50,489
COMMANDER, A MARINE GENERAL, A
NASA ADMINISTRATOR, AND LAST BUT

1490
01:35:50,489 --> 01:35:54,840
CERTAINLY NOT LEAST, A PROUD
HUSBAND, FATHER AND GRANDFATHER.

1491
01:35:54,840 --> 01:35:56,750
EVERYBODY WHO KNOWS HIM LOVES
HIM.

1492
01:35:56,750 --> 01:36:00,460
HE'S KIND OF THE UNITED CRUZ.

1493
01:36:00,460 --> 01:36:03,330
[LAUGHTER]

>> LADIES AND GENTLEMEN, PLEASE

1494

01:36:03,330 --> 01:36:09,100

WELCOME OUR FRIEND CHARLIE
BOLDEN.

1495

01:36:09,100 --> 01:36:24,340

[APPLAUSE]

>> WELL, WELL, WELL, THANK YOU

1496

01:36:24,340 --> 01:36:26,070

VERY MUCH, MILES.

1497

01:36:26,070 --> 01:36:29,239

AND I HAVE TO ADMIT, THANKS FOR
REMEMBERING MY GRANDCHILDREN,

1498

01:36:29,239 --> 01:36:32,030

BECAUSE THAT KEPT ME FROM HAVING
TO TALK ABOUT THEM WHEN I CAME

1499

01:36:32,030 --> 01:36:33,030

UP HERE.

1500

01:36:33,030 --> 01:36:35,330

I JUST WANT TO KNOW WHO WAS HERE
AT THE FIRST ONE?

1501

01:36:35,330 --> 01:36:37,320

WAS IT TRIAL WAFFLE HOUSE?

1502

01:36:37,320 --> 01:36:40,940

RODOLFO, I KNOW YOU'RE TOO YOUNG

1503

01:36:40,940 --> 01:36:44,619

TO KNOW BECAUSE YOU'RE NOT 30
YET.

1504

01:36:44,619 --> 01:36:48,460

ANYBODY IN THE ROOM KNOW, WAS IT
REALLY THE WAFFLE HOUSE?

1505

01:36:48,460 --> 01:36:51,400

I'M NOT HEARING -- I'M NOT
GETTING ANY VIBES.

1506

01:36:51,400 --> 01:36:52,400

NO?

1507

01:36:52,400 --> 01:36:55,950

WAS IT THE OUTPOST?

1508

01:36:55,950 --> 01:36:59,360

[LAUGHTER]

>> PROBABLY MORE LIKE IT.

1509

01:36:59,360 --> 01:37:03,260

ANYWAY, THAT IS NOT WHY I'M
HERE.

1510

01:37:03,260 --> 01:37:06,130

CONGRATULATIONS TO ALL THE
AWARDEES SO FAR.

1511

01:37:06,130 --> 01:37:09,780

IT IS MY SPECIAL PRIVILEGE
TONIGHT TO BE HERE WITH CHARLES

1512

01:37:09,780 --> 01:37:11,989

ELACHI AND HIS WONDERFUL WIFE.

1513

01:37:11,989 --> 01:37:16,489

BUT TO CELEBRATE THIS AWARD
GOING TO A GREAT INDIVIDUAL WHO

1514

01:37:16,489 --> 01:37:17,780

IS MOST DESERVING.

1515

01:37:17,780 --> 01:37:20,850
AND CHARLES, IT IS AN HONOR FOR
ME TO BE HERE TO PRESENT THIS TO

1516
01:37:20,850 --> 01:37:22,739
YOU TONIGHT.

1517
01:37:22,739 --> 01:37:27,090
WHEN WE LOOK BACK OVER THE BIG
ACCOMPLISHMENTS IN SPACE OVER

1518
01:37:27,090 --> 01:37:31,100
THE PAST DECADES, PARTICULARLY
DURING MY TIME AS THE NASA

1519
01:37:31,100 --> 01:37:35,010
ADMINISTRATOR, WE'LL SEE YOUR
INVOLVEMENT WITH A HUGE NUMBER

1520
01:37:35,010 --> 01:37:36,310
OF THEM.

1521
01:37:36,310 --> 01:37:38,970
AT THE HELM OF THE JET
PROPULSION LAB, YOU LED TEAMS

1522
01:37:38,970 --> 01:37:42,580
THAT INNOVATED, THAT CAME UP
WITH AMAZING SOLUTIONS TO BIG

1523
01:37:42,580 --> 01:37:46,630
PROBLEMS, CAN YOU SAY SPACE
CRANE, MIKE, MIKE, WHERE'S MIKE

1524
01:37:46,630 --> 01:37:47,760
GRIFFIN?

1525
01:37:47,760 --> 01:37:51,170
CAN YOU SAY SPACE CRANE?

1526

01:37:51,170 --> 01:37:52,300

THAT'S A PRIVATE JOKE.

1527

01:37:52,300 --> 01:37:53,630

THAT'S AN INSIDE JOKE.

1528

01:37:53,630 --> 01:37:58,980

OKAY, MIKE UNDERSTANDS THAT BUT
CHARLES WITHSTOOD THE PRESSURE

1529

01:37:58,980 --> 01:38:02,159

AND EVERYTHING AND INSTEAD OF
HAVING A THOUSAND PIECES ON THE

1530

01:38:02,159 --> 01:38:05,790

SURFACE OF MARS, WE HAD ONE
2000-POUND ROVER WHICH IS

1531

01:38:05,790 --> 01:38:09,560

CONTINUING TO OPERATE TODAY IN
INCREDIBLE WAY THAT IS I DON'T

1532

01:38:09,560 --> 01:38:12,760

THINK ANY OF US EVER BELIEVED WE
WOULD BE ACCOMPLISHING.

1533

01:38:12,760 --> 01:38:16,630

[APPLAUSE]

>> YOU MADE US ALL PROUD.

1534

01:38:16,630 --> 01:38:24,380

46 YEARS.

46 YEARS.

1535

01:38:24,380 --> 01:38:27,139

THAT'S ALMOST AS LONG AS I'VE
BEEN MARRIED.

1536

01:38:27,139 --> 01:38:30,679

BUT THAT IS HOW LONG -- THAT IS
ALMOST AS LONG AS I'VE BEEN

1537

01:38:30,679 --> 01:38:31,929

MARRIED.

1538

01:38:31,929 --> 01:38:34,060

THAT'S HOW LONG YOU'VE BEEN AT
JPL.

1539

01:38:34,060 --> 01:38:37,170

YOU'VE BEEN DIRECTOR SINCE 2001.

1540

01:38:37,170 --> 01:38:40,199

DOZENS OF MISSIONS, INSTRUMENTS
AND PROGRAMS.

1541

01:38:40,199 --> 01:38:43,210

IT'S HARD TO CHOOSE HIGHLIGHTS
FROM YOUR CAREER BECAUSE THERE

1542

01:38:43,210 --> 01:38:45,429

REALLY ARE SO MANY.

1543

01:38:45,429 --> 01:38:51,030

EARTH, MARS, ASTEROIDS, JUPITER
PLANETS AND OTHER SOLAR SYSTEMS,

1544

01:38:51,030 --> 01:38:55,980

YOU NAME IT AND CHARLES HAS MADE
IT POSSIBLE FOR JPL TO STUDY IT.

1545

01:38:55,980 --> 01:38:59,460

LET'S NOT FORGET VOYAGER ONE AND
TWO, WHICH HAVE BEEN TRAVELING

1546

01:38:59,460 --> 01:39:02,020

FOR THE BULK OF YOUR CAREER,
CHARLES.

1547

01:39:02,020 --> 01:39:05,280

WE ALSO WISH YOU MANY EXCITING
TRAVELS IN THE NEXT PHASE OF

1548

01:39:05,280 --> 01:39:09,990

YOUR LIFE AND VALERIE, I THINK
YOU TOLD ME THAT HE IS GOING TO

1549

01:39:09,990 --> 01:39:10,990

TRAVEL.

1550

01:39:10,990 --> 01:39:14,000

IN ADDITION TO A LITTLE WORK NOW
AND THEN.

1551

01:39:14,000 --> 01:39:17,110

YOU'VE ADVANCED OUR JOURNEY OF
DISCOVERY AND AS WE FOLLOW YOUR

1552

01:39:17,110 --> 01:39:20,869

BELOVED ROBOTS WITH HUMANS TO
MARS, IT'S GOING TO BE BECAUSE

1553

01:39:20,869 --> 01:39:24,520

OF THE GOOD WORK YOU HAVE DONE
THROUGHOUT YOUR CAREER.

1554

01:39:24,520 --> 01:39:26,679

YOU'RE GOING TO BE MISSED AT
NASA.

1555

01:39:26,679 --> 01:39:30,210

BUT TONIGHT WE CELEBRATE THE
HUGE SWEEP OF YOUR CAREER IN A

1556

01:39:30,210 --> 01:39:33,270

TRULY UNPARALLELED BODY OF WORK.

1557

01:39:33,270 --> 01:39:36,630

I WANT TO THANK YOU FELLOW
TRAVELER FOR EVERYTHING YOU'VE

1558

01:39:36,630 --> 01:39:40,380
DONE TO ADVANCE THE CAUSE OF
EXPLORATION AND TO BUILD A

1559

01:39:40,380 --> 01:39:43,790
FOUNDATION ON WHICH THE YOUNG
PEOPLE OF TODAY CAN ONLY GO

1560

01:39:43,790 --> 01:39:46,090
FARTHER AND REACH HIGHER.

1561

01:39:46,090 --> 01:39:49,750
AND I WANT TO GIVE YOU MY
DEEPEST CONGRATULATIONS FOR THIS

1562

01:39:49,750 --> 01:39:50,930
HONOR.

1563

01:39:50,930 --> 01:39:54,340
IT'S WELL DESERVED AND I KNOW
THAT THERE ARE MANY MORE

1564

01:39:54,340 --> 01:39:57,360
CHAPTERS YET TO BE WRITTEN IN
THE STORY OF DR.

1565

01:39:57,360 --> 01:39:58,680
CHARLES ELACHI.

1566

01:39:58,680 --> 01:41:12,829
SO, WE HAVE A BRIEF VIDEO, I
THINK.

1567

01:41:12,829 --> 01:41:13,829

∂∂

∂∂

1568

01:41:13,829 --> 01:41:16,920

>> LADIES AND GENTLEMEN, PLEASE
HELP ME IN WELCOMING THE 2016

1569

01:41:16,920 --> 01:41:20,280

ROTARY NATIONAL SPACE TROPHY
RECIPIENT, DR.

1570

01:41:20,280 --> 01:41:39,949

CHARLES ELACHI.

1571

01:41:39,949 --> 01:42:01,800

[APPLAUSE]

>> THANK YOU VERY MUCH.

1572

01:42:01,800 --> 01:42:06,369

WHEN I GIVE PUBLIC TALKS, I LIKE
TO IMPERSONATE SOMEBODY FAMOUS.

1573

01:42:06,369 --> 01:42:10,880

SO TONIGHT I DECIDED TO
IMPERSONATE MARLON BRANDO IN THE

1574

01:42:10,880 --> 01:42:11,880

GODFATHER.

1575

01:42:11,880 --> 01:42:14,960

[LAUGHTER]

>> ON A SERIOUS NOTE, I LOST MY

1576

01:42:14,960 --> 01:42:18,060

VOICE AND WHILE I'M SLOWLY

1577

01:42:18,060 --> 01:42:22,659

GETTING IT BACK I APOLOGIZE.

1578

01:42:28,820 --> 01:42:24,210

MRS.

1579

01:42:28,820 --> 01:42:33,239

BOLDEN

AND LADIES AND GENTLEMEN, I WANT

1580

01:42:33,239 --> 01:42:36,560

TO TELL YOU HOW HONORED I AM
HERE STANDING IN FRONT OF YOU

1581

01:42:36,560 --> 01:42:37,560

TONIGHT.

1582

01:42:37,560 --> 01:42:42,139

AND HOW I WANT TO THANK THE
ROTARY NATIONAL AWARD FOR

1583

01:42:42,139 --> 01:42:46,239

ACHIEVEMENT FOR GIVING ME THIS
GREAT HONOR AND FOR THE PEOPLE

1584

01:42:46,239 --> 01:42:49,829

WHO VOTED FOR ME AND THE PEOPLE
WHO DIDN'T VOTE FOR ME ALSO.

1585

01:42:49,829 --> 01:42:50,829

[LAUGHTER]

>> SO THANK YOU.

1586

01:42:50,829 --> 01:42:58,400

AS YOU HEARD MILES SAY, I WAS
BORN IN LEBANON.

1587

01:42:58,400 --> 01:43:02,410

HE KNEW THAT BECAUSE HE SPENT A
DAY AT OUR HOUSE A FEW YEARS AGO

1588

01:43:02,410 --> 01:43:12,680

AND MY WIFE AND I FIXED FOR HIM
A LEBANESE BREAKFAST.

1589

01:43:12,680 --> 01:43:17,330
AND I CAME TO THIS GREAT COUNTRY
AS A STUDENT AND I STARTED

1590
01:43:17,330 --> 01:43:20,630
WORKING AT JPL WHEN I WAS STILL
A STUDENT BECAUSE I CAME TO

1591
01:43:20,630 --> 01:43:24,060
CALTECH AND JPL WAS JUST A FEW
MILES AWAY.

1592
01:43:24,060 --> 01:43:29,770
AND I WAS SO ENTHRALLED BY THE
SPIRIT OF EXPLORATION THAT

1593
01:43:29,770 --> 01:43:34,250
AMERICAN SPIRIT OF CAN DO,
AMERICAN SPIRIT OF ANYTHING IS

1594
01:43:34,250 --> 01:43:35,250
POSSIBLE.

1595
01:43:35,250 --> 01:43:40,280
THAT I WAS FORTUNATE TO BECOME A
CITIZEN OF THIS GREAT COUNTRY.

1596
01:43:40,280 --> 01:43:43,739
AND I WANT TO TELL YOU WHEN WE
LANDED CURIOSITY, MANY OF YOU

1597
01:43:43,739 --> 01:43:48,090
PROBABLY SAW THAT LANDING THERE
WAS TREMENDOUS AMOUNT OF PRIDE

1598
01:43:48,090 --> 01:43:49,530
IN WHAT ACTUALLY HAPPENED.

1599
01:43:49,530 --> 01:43:55,880
ALL THIS THING ACTUALLY LANDING

IN ONE PIECE, LIKE CHARLIE SAID.

1600

01:43:55,880 --> 01:43:59,460

BUT MY BIGGEST PRIDE WAS NOT
ONLY THE LANDING.

1601

01:43:59,460 --> 01:44:01,060

I MEAN THAT WAS A GREAT PRIDE.

1602

01:44:01,060 --> 01:44:06,880

BUT AFTER THE LANDING, I WENT TO
THE RECEPTION HALL AND WE HAD AS

1603

01:44:06,880 --> 01:44:09,679

GUESTS THE HEAD OF THE FRENCH
SPACE AGENCY.

1604

01:44:09,679 --> 01:44:13,210

AND THE DEPUTY HEAD OF THE
RUSSIAN SPACE AGENCY.

1605

01:44:13,210 --> 01:44:17,610

AND THEY CAME TO ME AND THEY
SAID, ONLY THE UNITED STATES CAN

1606

01:44:17,610 --> 01:44:18,659

DO THIS.

1607

01:44:18,659 --> 01:44:22,150

THAT WAS THE GREATEST PRIDE I
HAD THAT EVENING.

1608

01:44:22,150 --> 01:44:27,790

IT BROUGHT TEARS TO MY EYES.

1609

01:44:27,790 --> 01:44:35,920

[APPLAUSE]

>> AND WHERE ELSE IN THIS WORLD

1610

01:44:35,920 --> 01:44:40,219
CAN A YOUNG CLOUD WAS BORN IN
LEBANON IN A SMALL VILLAIN WOULD

1611
01:44:40,219 --> 01:44:43,949
BE STANDING IN FRONT OF YOU
TODAY RECEIVING THIS HONOR?

1612
01:44:43,949 --> 01:44:47,070
IT'S ONLY IN OUR GREAT COUNTRY
THAT THAT HAPPENS.

1613
01:44:47,070 --> 01:44:51,920
AND ALSO WHEN I LOOK
PARTICULARLY PROUD AND HONORED

1614
01:44:51,920 --> 01:44:55,699
WHEN I LOOK AT THE LIST OF
PEOPLE WHO HAVE RECEIVED THIS

1615
01:44:55,699 --> 01:44:57,869
AWARD BEFORE ME.

1616
01:44:57,869 --> 01:45:02,460
AND MANY OF THEM HAVE PLAYED AN
IMPORTANT ROLE DIRECTLY OR

1617
01:45:02,460 --> 01:45:04,840
INDIRECTLY IN MY COURIER.

1618
01:45:04,840 --> 01:45:06,760
SO I'M GOING TO MENTION ONLY A
FEW.

1619
01:45:06,760 --> 01:45:11,330
LET ME START BY TALL ASTRONAUTS

1620
01:45:11,330 --> 01:45:16,219
HERE AND THE PEOPLE KNOW THAT
PILOTED THE SECOND SHUTTLE

1621

01:45:16,219 --> 01:45:17,219

FLIGHT.

1622

01:45:17,219 --> 01:45:23,290

ON THAT FLIGHT WAS A PAYLOAD
CALLED SHUTTLE, I WAS FORTUNATE

1623

01:45:23,290 --> 01:45:26,650

TO BE THE PRINCIPAL INVESTIGATOR
OF THAT PAYLOAD.

1624

01:45:26,650 --> 01:45:32,330

HERE I WAS A KID 30 YEARS OLD
AND NASA TRUSTED ME IN BEING THE

1625

01:45:32,330 --> 01:45:34,880

PRINCIPAL INVESTIGATOR ON THAT
PAYLOAD.

1626

01:45:34,880 --> 01:45:39,730

AND THAT'S THE PAYLOAD WHICH LED
TO DISCOVERY OF CHANNELS IN

1627

01:45:39,730 --> 01:45:41,869

AFRICA, NORTHERN AFRICA.

1628

01:45:41,869 --> 01:45:43,909

AND THAT'S WHAT LAUNCHED ME ON
MY CAREER.

1629

01:45:43,909 --> 01:45:48,219

AND THAT LED TO CERES AND NUMBER
OF SHUTTLE FLIGHTS.

1630

01:45:48,219 --> 01:45:54,080

THERE ARE A NUMBER OF PEOPLE
HERE INVOLVED IN THOSE MISSIONS.

1631

01:45:54,080 --> 01:45:59,600
THE SECOND PERSON IS LOUELLEN,
THE DIRECTOR OF JPL WHEN I WAS

1632
01:45:59,600 --> 01:46:03,661
PROMOTED TO BECOME MEMBER OF THE
EXECUTIVE COUNCIL AND I WAS PUT

1633
01:46:03,661 --> 01:46:05,739
ON TRACK TO BECOME THE DIRECTOR

1634
01:46:05,739 --> 01:46:08,489
OF JPL.

1635
01:46:08,489 --> 01:46:09,750
AND THEN THERE WAS DAN GOLDEN.

1636
01:46:09,750 --> 01:46:13,550
IT WAS DURING HIS TENURE THAT I
ACTUALLY I WAS APPOINTED TO

1637
01:46:13,550 --> 01:46:15,890
BECOME THE DIRECTOR OF JPL.

1638
01:46:15,890 --> 01:46:20,010
AND THE DIRECTOR OF JPL REQUIRES
NASA ADMINISTRATOR TO CONCUR

1639
01:46:20,010 --> 01:46:21,480
WITH THAT DECISION.

1640
01:46:21,480 --> 01:46:25,630
SO I WAS FORTUNATE TO HAVE DAN
GOLDEN CONCUR WITH MY

1641
01:46:25,630 --> 01:46:26,630
APPOINTMENT.

1642
01:46:26,630 --> 01:46:30,199

AND HE'S A PERSON WHO APPROVED
HAVING SPIRIT AN OPPORTUNITY,

1643

01:46:30,199 --> 01:46:34,650
THOSE TWO BALLOONS WHICH WERE
JUMPING THAT YOU SAW IN THE

1644

01:46:34,650 --> 01:46:35,650
VIDEO.

1645

01:46:35,650 --> 01:46:39,429
THEN THERE WAS MIKE GRIFFIN, WHO
IS HERE.

1646

01:46:39,429 --> 01:46:44,510
WE THOUGHT MIKE GRIFFIN, DON
WOULD NOT BE IN ORBIT.

1647

01:46:44,510 --> 01:46:49,570
MIKE YOU REMEMBER IT WAS
CANCELLED AND THEN YOU REVIVED

1648

01:46:49,570 --> 01:46:50,570
IT.

1649

01:46:50,570 --> 01:46:54,260
AND THEN WITHOUT MIKE GRIFFIN,
WE WOULDN'T HAVE CURIOSITY.

1650

01:46:54,260 --> 01:46:59,141
MIKE BEING THE ULTIMATE ENGINEER
IMMEDIATELY GRASPED THE CONCEPT

1651

01:46:59,141 --> 01:47:00,989
OF THE SKY CRANE.

1652

01:47:00,989 --> 01:47:04,090
AND APPROVED IT, EVEN AT
DISBELIEF OF MANY OTHER PEOPLE.

1653

01:47:04,090 --> 01:47:08,570

BUT HE THOUGHT THAT WAS THE
RIGHT WAY TO ACTUALLY DO THAT

1654

01:47:08,570 --> 01:47:09,570

MISSION.

1655

01:47:09,570 --> 01:47:16,330

AND THEN THERE WAS BILL
GERSTENMIRE ONE OF THE MOST

1656

01:47:16,330 --> 01:47:21,050

THOUGHTFUL LEADERS OF OUR AGE,
AND HE'S THE PERSON WHO REALLY

1657

01:47:21,050 --> 01:47:24,420

SUPPORTS US FOR GOING DEEP SPACE
NETWORK.

1658

01:47:24,420 --> 01:47:28,150

WITHOUT WHICH WE'D NEVER GET
THOSE PICTURES DOWN HERE TO

1659

01:47:28,150 --> 01:47:29,150

EARTH.

1660

01:47:29,150 --> 01:47:31,940

THEN THERE WAS KEVIN SHELTON.

1661

01:47:31,940 --> 01:47:36,040

HE WAS ONE OF THE PEOPLE WHO
FLEW ON CERES.

1662

01:47:36,040 --> 01:47:40,210

THEN MIKE COATS, WHO ALWAYS
HERE.

1663

01:47:40,210 --> 01:47:45,400

MIKE AND I WORKED VERY CLOSELY

TOGETHER TO BRING JSC, THE HUMAN

1664

01:47:45,400 --> 01:47:48,570

CENTER AND JPL THE ROBOTIC

1665

01:47:48,570 --> 01:47:52,679

CENTER TO WORK TOGETHER TO GET
US STARTING TOWARDS HAVING A

1666

01:47:52,679 --> 01:47:57,050

HUMAN GOING TO MARS IN THE NEXT
FEW DECADES.

1667

01:47:57,050 --> 01:47:58,650

AND THEN THERE'S CHARLIE BOLDEN.

1668

01:47:58,650 --> 01:48:02,700

CHARLIE AND I WERE SITTING NEXT
TO EACH OTHER WHEN CURIOSITY

1669

01:48:02,700 --> 01:48:03,700

LANDED.

1670

01:48:03,700 --> 01:48:06,550

WE ALMOST WAS HOLDING HANDS, ALL
NERVOUS.

1671

01:48:06,550 --> 01:48:10,790

AND IN ADDITION TO THE EXCITE
WILL CURIOSITY LANDING, CHARLIE

1672

01:48:10,790 --> 01:48:17,330

IS ONE OF THE GREATEST LEADER
AND THE MOST GENTLE PERSON I'VE

1673

01:48:17,330 --> 01:48:21,610

EVER, I ENJOYED EVERY MOMENT I
WORKED FOR YOU.

1674

01:48:21,610 --> 01:48:24,119
CHARLIE OVER THE LAST EIGHT
YEARS.

1675
01:48:24,119 --> 01:48:26,320
AND FINALLY BOB CABANA.

1676
01:48:26,320 --> 01:48:30,980
WE THOUGHT BOB AND WE SAW CAPE
KENNEDY OR KENNEDY SPACE CENTER.

1677
01:48:30,980 --> 01:48:32,710
WE WILL NEVER FLY.

1678
01:48:32,710 --> 01:48:34,690
WE'LL BE DOWN HERE ON EARTH.

1679
01:48:34,690 --> 01:48:42,980
SO BOB AND HIS TEAM, EXCITING
EXPLORATION THAT WE DO.

1680
01:48:42,980 --> 01:48:49,760
OF COURSE KEY AWARD LIKE THIS,
MANY PEOPLE WHO SUPPORTED ME AND

1681
01:48:49,760 --> 01:48:51,940
WORKED WITH ME AS A TEAM.

1682
01:48:51,940 --> 01:48:56,520
I GIVE CREDIT TO ALL THOSE BASE
EXPLORERS AT JPL, AT NASA

1683
01:48:56,520 --> 01:49:00,990
HEADQUARTERS AND ACROSS ALL THE
NASA CENTERS AND ALSO IN

1684
01:49:00,990 --> 01:49:01,990
INDUSTRY.

1685

01:49:01,990 --> 01:49:05,369
AND ACADEMIA, WHO WORKED WITH
US.

1686
01:49:05,369 --> 01:49:11,620
ALSO IN CONGRESS, CHAIRMAN
CULBERTSON HERE, HE IS THE BEST

1687
01:49:11,620 --> 01:49:14,760
FRIEND NASA HAS EVER HAD.

1688
01:49:14,760 --> 01:49:20,180
AND NOT ONLY A FRIEND IN WORDS
ARE BUT HE WALKS THE TALK AND ON

1689
01:49:20,180 --> 01:49:24,790
HIS FIRST YEAR AS CHAIRMAN, NASA
DID EXTREMELY WELL LAST YEAR

1690
01:49:24,790 --> 01:49:27,449
WITH THE BUDGET INCREASE.

1691
01:49:27,449 --> 01:49:36,280
AND CHAIRMAN CULBERTSON WE
EXPECT THE SAME THIS YEAR ALSO.

1692
01:49:36,280 --> 01:49:40,429
[LAUGHTER]
[APPLAUSE]

1693
01:49:40,429 --> 01:49:43,530
>> AND I'M SURE WE WILL GET
THAT.

1694
01:49:43,530 --> 01:49:45,000
AND MOST IMPORTANT I WANT TO

1695
01:49:45,000 --> 01:49:50,060
THANK MY WIFE VALERIE, NOT ONLY
SUPPORTED ME IN MY CAREER BUT

1696

01:49:50,060 --> 01:49:54,659

ALSO MANY OF YOU RECEIVED
PROBABLY HOLIDAY CARDS THAT WE

1697

01:49:54,659 --> 01:49:55,800

SEND FROM JPL.

1698

01:49:55,800 --> 01:49:59,369

THEY WERE ALL DESIGNED BY MY
WIFE.

1699

01:49:59,369 --> 01:50:04,889

MANY OF YOU PROBABLY SAW THOSE
12 POSTERS WHICH ARE CALLED EXO

1700

01:50:04,889 --> 01:50:06,429

PLANET TRAVEL BUREAU.

1701

01:50:06,429 --> 01:50:12,389

EVEN THEY WERE DESIGNED BY, BUT
THE IDEA BEHIND THE CALENDAR

1702

01:50:12,389 --> 01:50:14,710

CAME FROM MY WIFE VALERIE.

1703

01:50:14,710 --> 01:50:21,460

SO I CAN THANK YOU.

1704

01:50:21,460 --> 01:50:24,800

[APPLAUSE]

>> SO I WANT TO CLOSE WITH A

1705

01:50:24,800 --> 01:50:27,280

QUOTE THAT GUIDED ME IN MY
CAREER.

1706

01:50:27,280 --> 01:50:30,290

AND TRULY REFLECTS WHAT JPL IS

ABOUT.

1707

01:50:30,290 --> 01:50:31,750

WHAT NASA IS ABOUT.

1708

01:50:31,750 --> 01:50:34,310

AND IT'S A QUOTE FROM TEDDY
ROOSEVELT.

1709

01:50:34,310 --> 01:50:38,719

SO I'M GOING TO READ IT FOR YOU
AND PARTICULARLY IT'S IMPORTANT

1710

01:50:38,719 --> 01:50:40,380

FOR THE YOUNG PEOPLE.

1711

01:50:40,380 --> 01:50:41,820

WHO ARE HERE.

1712

01:50:41,820 --> 01:50:42,900

AND QUOTE.

1713

01:50:42,900 --> 01:50:48,469

IT IS FAR BETTER TO DARE MIGHTY
THINGS TO END GLORIOUS TRIP,

1714

01:50:48,469 --> 01:50:53,340

EVEN THOUGH CHECKERED BY FAILURE
THAN TO RANK WITH THOSE POOR

1715

01:50:53,340 --> 01:50:59,450

SPIRITS WHO NEITHER ENJOY NOR
SUFFER MUCH BECAUSE THEY LIVE IN

1716

01:50:59,450 --> 01:51:04,540

A GREAT TWILIGHT THAT KNOWS NOT
VICTORY NOR DEFEAT AND NO ONE AT

1717

01:51:04,540 --> 01:51:06,510

NASA LIVES IN THE TWILIGHT.

1718

01:51:06,510 --> 01:51:09,760

THANK YOU VERY MUCH.

1719

01:51:09,760 --> 01:51:18,450

[APPLAUSE]

>> ALL RIGHT.

1720

01:51:18,450 --> 01:51:32,380

SO, YOU'VE RETIRED, SO YOU CAN
RECEIVE GIFTS NOW, RIGHT?

1721

01:51:32,380 --> 01:51:33,380

OKAY.

1722

01:51:33,380 --> 01:51:34,380

GOOD.

1723

01:51:34,380 --> 01:51:37,389

GENERAL TOM STAFFORD IS GOING TO
COME UP AND HE'S GOT SOME FINE

1724

01:51:37,389 --> 01:51:40,780

OMEGA HARDWARE, NOT TO GIVE AWAY
THE SURPRISE.

1725

01:51:40,780 --> 01:51:42,690

BUT I THINK YOU MIGHT GIVE.

1726

01:51:42,690 --> 01:51:44,090

GIVE GENERAL STAFFORD A ROUND OF

1727

01:51:44,090 --> 01:51:45,090

APPLAUSE.

1728

01:51:45,090 --> 01:51:48,010

[APPLAUSE]

>> DR.

1729

01:51:48,010 --> 01:51:55,290

ELACHI, CONGRATULATIONS.

1730

01:51:55,290 --> 01:52:13,050

YOU HAVE BEEN AN INSPIRATION IN
THE LEADERSHIP YOU'VE GIVEN, THE

1731

01:52:13,050 --> 01:52:17,590

SYSTEMS YOU HAVE PRODUCED, AS
EVEN THOUGH I THINK YOU'RE

1732

01:52:17,590 --> 01:52:21,420

PROBABLY THE FIRST ONE THAT'S
NOT BEEN ASSOCIATED WITH HUMAN

1733

01:52:21,420 --> 01:52:26,119

SPACE FLIGHT, EITHER DIRECTLY OR
INDIRECTLY, BUT YET IT IS THE

1734

01:52:26,119 --> 01:52:33,330

ROBOTIC, ROBOTIC IDEAS THAT HAVE
LED THE WAY, ALL THE WAY.

1735

01:52:33,330 --> 01:52:35,850

I CAN REMEMBER, SIR, WE STARTED
OUT APOLLO.

1736

01:52:35,850 --> 01:52:39,420

AND I'M VERY FORTUNATE, ONE OF
THE FEW PEOPLE THAT EVER FLOWN

1737

01:52:39,420 --> 01:52:44,300

TO THE MOON, WHO STARTED APOLLO,
THE FAMOUS NOBODY EL WINNER SAID

1738

01:52:44,300 --> 01:52:48,520

IT WILL BE A DISASTER BECAUSE
THE LUNAR DUST WILL BE EIGHT TO

1739

01:52:48,520 --> 01:52:49,630

TEN FEET DEEP.

1740

01:52:49,630 --> 01:52:53,440

HE COULD PROVE IT TO YOU.

1741

01:52:53,440 --> 01:52:56,340

WROTE PAPERS ON IT.

1742

01:52:56,340 --> 01:52:58,870

BUT, THE RANGER, THE LUNAR

1743

01:52:58,870 --> 01:53:01,949

SURVEYOR, ALL THAT PROVED THAT
THE DUST WAS ABOUT THAT THICK.

1744

01:53:01,949 --> 01:53:08,639

SO, IT WAS THE SYSTEM, SIR, THAT
BUILT AT JPL.

1745

01:53:08,639 --> 01:53:12,469

I REMEMBER WHEN THE CURIOSITY
LAUNCHED, CHARLIE BOLDEN WAS

1746

01:53:12,469 --> 01:53:14,770

WITH ME HERE ON PAD 41.

1747

01:53:14,770 --> 01:53:15,920

SENATOR BILL NELSON.

1748

01:53:15,920 --> 01:53:18,190

WE WERE OUT THIS CHEERING FOR
YOU.

1749

01:53:18,190 --> 01:53:19,850

IT DID THE JOB.

1750

01:53:19,850 --> 01:53:23,110

THAT ATLAS WAS THE PERFECT
TRAJECTORY.

1751

01:53:23,110 --> 01:53:25,670
AND THEN FOR THAT NINE MONTHS EN
ROUTE.

1752

01:53:25,670 --> 01:53:30,420
AND THEN THAT TOTAL SEQUENCE WAS
FANTASTIC YOU DESIGNED.

1753

01:53:30,420 --> 01:53:31,719
UNBELIEVABLE.

1754

01:53:31,719 --> 01:53:36,910
AND SO, IT'S GOING TO BE GREAT
THERE FOR OUR PEOPLE, LIKE YOU

1755

01:53:36,910 --> 01:53:40,150
POINTED OUT, THAT GOES THERE.

1756

01:53:40,150 --> 01:53:44,260
AND TONIGHT, THE OMEGA WATCH
HELPED SPONSOR THIS EVENT FOR

1757

01:53:44,260 --> 01:53:48,230
MANY YEARS, WOULD LIKE TO GIVE
YOU PROFESSIONAL SPEED MASTER

1758

01:53:48,230 --> 01:53:53,180
WATCH, WAS THE SAME KIND WORN
THE LAST TWO GEM MINIMUM ANY

1759

01:53:53,180 --> 01:53:58,570
MISSIONS, ALL THROUGH -- MERCURY
MISSIONS THROUGH GEMINI, APOLLO,

1760

01:53:58,570 --> 01:54:03,560
SKYLAB, APOLLO SOYUZ, EVEN THE
SOVIETS, NOW WE CALL THEM

1761

01:54:03,560 --> 01:54:04,560

RUSSIANS.

1762

01:54:04,560 --> 01:54:07,989

[LAUGHTER]

>> WEAR IT AND FIRST SHUTTLE

1763

01:54:07,989 --> 01:54:12,949

LAUNCHES, NOW THEY WEAR
AUTOMATIC TYPE OF ANALOG VISUAL

1764

01:54:12,949 --> 01:54:16,030

COMBINATION ON THE SPACE
STATION.

1765

01:54:16,030 --> 01:54:19,370

AND SPEAKING OF MARS, WITH ALL
THE GREAT DATA YOU BROUGHT BACK

1766

01:54:19,370 --> 01:54:25,460

WITH CURIOSITY, I'VE HEARD THAT,
AT LEAST I READ IN THE FLORIDA

1767

01:54:25,460 --> 01:54:26,659

TODAY PAPER, MR.

1768

01:54:26,659 --> 01:54:29,460

MUSK IN 2020
WILL SEND HUMANS THERE.

1769

01:54:29,460 --> 01:54:32,790

SO CAN USE THAT DATA THAT YOU
HAVE.

1770

01:54:32,790 --> 01:54:35,800

AND I HOPE HE'S WEARING OMEGA
WATCH WHEN HE GOES.

1771

01:54:35,800 --> 01:54:40,430

[LAUGHTER]

>> BUT AGAIN, SIR, HERE IS THE

1772

01:54:40,430 --> 01:54:43,840

OMEGA PROFESSIONAL SPEED MASTER.

1773

01:54:43,840 --> 01:54:47,820

I HAVE TO SAY THIS, MARKETING
SALESPEOPLE HAVE MADE THE

1774

01:54:47,820 --> 01:54:51,140

PRESENT BOXES LOTS BIGGER.

1775

01:54:51,140 --> 01:54:55,170

BUT WHERE YOU USED TO, A LOT OF
GREAT REVIVAL, AUTOMATIC

1776

01:54:55,170 --> 01:54:59,440

SYSTEMS, YOU DO HAVE TO WIND
THIS ONE TODAY, SIR.

1777

01:54:59,440 --> 01:55:01,770

[LAUGHTER]

>> BUT IT KEEPS GREAT TIME.

1778

01:55:01,770 --> 01:55:06,440

IT'S A TREMENDOUS HISTORIC
TIMEPIECE.

1779

01:55:06,440 --> 01:55:12,360

SO, CONGRATULATIONS.

1780

01:55:12,360 --> 01:55:21,230

[APPLAUSE]

>> ALL RIGHT.

1781

01:55:21,230 --> 01:55:26,380

WE'RE GETTING ENCLOSE HE'S TO
COCKTAIL TIME.

1782

01:55:26,380 --> 01:55:30,810

I WOULD LIKE TO ACKNOWLEDGE TASK
FOR SPONSORING THE PORTRAIT OF

1783

01:55:30,810 --> 01:55:31,810

DR.

1784

01:55:31,810 --> 01:55:34,599

ELACHI BY ARTIST PAT
ROLLINGS.

1785

01:55:34,599 --> 01:55:37,850

IT WILL RESIDE WITH THE 6-FOOT
TROPHY AT SPACE CENTER HOUSTON

1786

01:55:37,850 --> 01:55:38,850

FOR THE NEXT YEAR.

1787

01:55:38,850 --> 01:55:39,980

SO CHECK THAT OUT.

1788

01:55:39,980 --> 01:55:42,840

AND LET US ALL ACKNOWLEDGE THE
OTHER SPONSORS, WILL BE UP ON

1789

01:55:42,840 --> 01:55:47,360

THE SCREEN IN A MOMENT FOR THEIR
SUPPORT FOR TONIGHT'S DINNER.

1790

01:55:47,360 --> 01:55:49,780

THESE ORGANIZATIONS MADE THIS
POSSIBLE.

1791

01:55:49,780 --> 01:55:51,719

SO GO OUT AND BUY SOMETHING FROM
THEM.

1792

01:55:51,719 --> 01:55:52,960

A ROCKET OR SOMETHING.

1793

01:55:52,960 --> 01:55:53,960

BUY SOMETHING.

1794

01:55:53,960 --> 01:55:55,380

IT'S BEEN A LOT OF FUN.

1795

01:55:55,380 --> 01:55:56,600

I MAY BE THE LOW BIDDER.

1796

01:55:56,600 --> 01:55:58,460

DO I FEEL THE LOVE IN HOUSTON.

1797

01:55:58,460 --> 01:56:01,239

THANK ALL FOR YOUR SUPPORT OVER
THE PAST COUPLE OF YEARS IN

1798

01:56:01,239 --> 01:56:02,239

PARTICULAR.

1799

01:56:02,239 --> 01:56:05,219

GREAT TO BE PART OF THE SPACE
FAMILY.

1800

01:56:05,219 --> 01:56:13,540

I LOVE YOU ALL.

1801

01:56:13,540 --> 01:56:19,770

GOOD NIGHT, HOUSTON.

1802

01:56:19,770 --> 01:56:21,850

RODOLFO?

1803

01:56:21,850 --> 01:56:25,679

[APPLAUSE]

>> LADIES AND GENTLEMEN, ON

1804

01:56:25,679 --> 01:56:27,849
BEHALF OF THE ROTARY NATIONAL
AWARD FOR SPACE ACHIEVEMENT

1805
01:56:27,849 --> 01:56:31,530
FOUNDATION I EXTEND OUR
SINCEREST CONGRATULATIONS TO ALL

1806
01:56:31,530 --> 01:56:33,219
OUR HONOR RE EVES.

1807
01:56:33,219 --> 01:56:36,400
ALL DESERVE OUR ADMISSION AND
GRATITUDE.

1808
01:56:36,400 --> 01:56:39,540
LIKE TO TAKE THIS OPPORTUNITY TO
THANK MILES O'BRIEN FOR DOING

1809
01:56:39,540 --> 01:56:41,710
SUCH A GREAT JOB AS EMCEE.

1810
01:56:41,710 --> 01:56:48,060
LET'S HEAR IT FOR MILES.

1811
01:56:48,060 --> 01:56:51,510
[APPLAUSE]
>> I'D LIKE TO REMIND EVERYBODY

1812
01:56:51,510 --> 01:56:56,489
THAT NASA TELEVISION WILL AIR
THE PROGRAM AT NOON, 7:00, AT

1813
01:56:56,489 --> 01:57:00,850
NOON AND 7:00 CENTRAL NEXT
TUESDAY AND WEDNESDAY, MAY 3rd

1814
01:57:00,850 --> 01:57:01,850
AND 4th.

1815

01:57:01,850 --> 01:57:04,949

FINALLY THE FOUNDATION IS VERY
GRATEFUL TO ALL OUR SPONSORS WHO

1816

01:57:04,949 --> 01:57:07,790

SUPPORT AND ACHIEVEMENTS MAKE
THIS EVENT POSSIBLE.

1817

01:57:07,790 --> 01:57:09,030

THANK YOU.

1818

01:57:09,030 --> 01:57:11,989

NOW IS THE TIME WHEN I ASK FOR
THE BOARD OF ADVISORS TO PLEASE

1819

01:57:11,989 --> 01:57:15,320

GATHER ON THE STAGE FOR SPECIAL
GROUP ANNIVERSARY PHOTO.

1820

01:57:15,320 --> 01:57:17,460

THIS IS THE CONCLUSION OF OUR
PROGRAM.

1821

01:57:17,460 --> 01:57:19,420

THANK YOU SO MUCH FOR BEING HERE
TONIGHT.

1822

01:57:19,420 --> 01:57:21,230

KEEP UP ALL THE GOOD WORK.